Photo-electric sensors
Converter

Environment characteristics

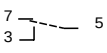
Ambient air temperature	**°C**	Operation : - 10…+ 55
	°C	Storage : - 30…+ 70
Vibration resistance		7 gn, amplitude ± 1.5 mm (t = 10…55 Hz), conforming to IEC 60068-2-6
Shock resistance		10 gn, duration 11 ms, conforming to IEC 60068-2-27
Degree of protection		IP 20 conforming to IEC 60529
Connection		Screw terminals, capacity : 0.5 to 1.25 mm^2 (terminals 1 to 8) ; 0.2 to 0.5 mm^2 (terminals 9 to 20)
Materials		Case : ABS

Electrical characteristics

Rated supply voltage	**V**	∿ 100…240
Voltage limits	**V**	∿ 90…264
Switching capacity	**A**	Per contact : 1 (cos φ = 1)
Maximum voltage on output relay contacts	**V**	∿ 264 or ⎓ 30
Current consumption, no-load	**mA**	≤ 10
Maximum switching frequency	**Hz**	50
Delays	**ms**	First-up : 20 Response : 0.1 Recovery : determined by time delay
Time delay	**ms**	40 on beam break (fixed)
Supply for sensors with solid-state PNP output		⎓ 12 V/100 mA

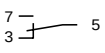
Function table
Output state of relay contacts indicator : corresponding channel yellow LED (illuminated when relay energised)

Channel 1
Sensor output actuated
(connected to 11)



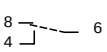
Relay energised 

Sensor output unactuated
(connected to 11)



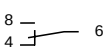
Relay de-energised 

Channel 2
Sensor output actuated
(connected to 17)



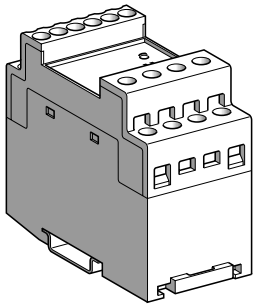
Relay energised 

Sensor output unactuated
(connected to 17)



Relay de-energised 

Photo-electric sensors
Converter



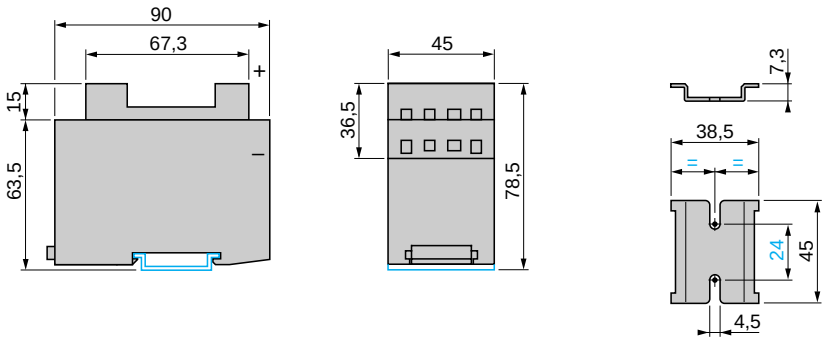
XUZ-F02

References

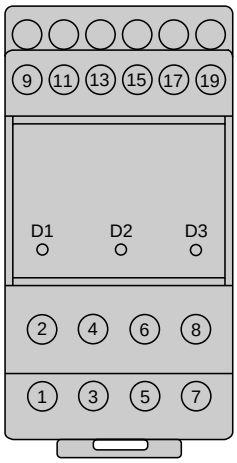
Description	Reference	Weight kg
2 channel converter for sensors with PNP solid-state output	**XUZ-F02**	0.210

Dimensions

Mounting rail fixing



Wiring schemes



Terminals

1-2 Supply ~
3 N/C contact output, channel 1
4 N/C contact output, channel 2
5 Common output, channel 1
6 Common output, channel 2
7 N/O contact output, channel 1
8 N/O contact output, channel 2
9 Supply ⎓ 12 V (–) for sensor controlling channel 1
11 Connection terminal for output of sensor controlling channel 1
13 Supply ⎓ 12 V (+) for sensor controlling channel 1
15 Supply ⎓ 12 V (–) for sensor controlling channel 2
17 Connection terminal for output of sensor controlling channel 2
19 Supply ⎓ 12 V (+) for sensor controlling channel 2

LED indicators

D1 Supply (green)
D2 Output, channel 1 (yellow)
D3 Output, channel 2 (yellow)

Connections

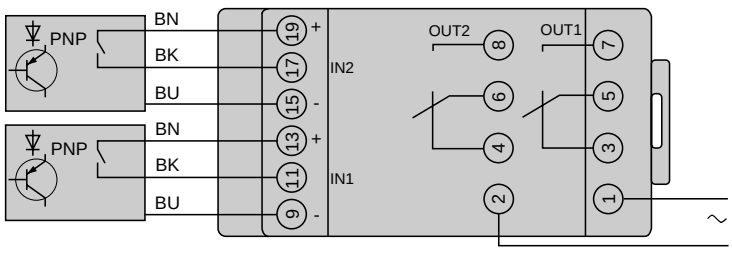


Photo-electric sensors
Osiris®
Accessories


XUZ B2003

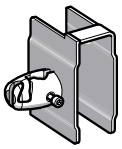

XUZ M2003


XUZ K2003


XUZ X2003

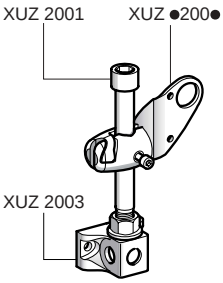

XUZ M2004


XUZ K2004


XUZ X2004


XUZ 2003


XUZ 2001



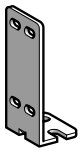
Kit 3D example

3D fixing kit *(1)*

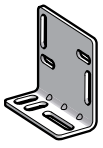
Description	Use for sensor type	Reference	Weight kg
Ball-joint brackets for mounting on M12 rod	XUB or XUZ C50	**XUZ B2003**	0.170
	XUM or XUZ C50	**XUZ M2003**	0.140
	XUK or XUZ C50	**XUZ K2003**	0.170
	XUX or XUZ C50	**XUZ X2003**	0.220
Ball-joint brackets with protective cover for mounting on M12 rod	XUM	**XUZ M2004**	0.155
	XUK	**XUZ K2004**	0.270
	XUX	**XUZ X2004**	0.420
Support for M12 rod	–	**XUZ 2003**	0.150
M12 rod (adjustment possible over complete height)	–	**XUZ 2001**	0.050

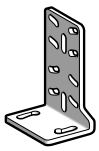
(1) To provide a 3D fixing kit, order:
*- the support for rod **XUZ 2003***
*- the M12 rod **XUZ 2001***
*- a ball-joint bracket **XUZ ●200●***

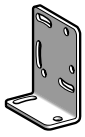

XUZ A118

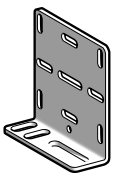

XUZ A50


XUZ A51


XUZ X2000


XUL Z41


XUZ A41


XUZ A49


XUZ A218


XUZ A318


XSA Z1●●


XSZ B1●●

Mounting accessories

Description	Use for sensor type	Reference	Weight kg
Metal mounting brackets	XUB	**XUZ A118**	0.045
	XUM	**XUZ A50**	0.025
	XUK	**XUZ A51**	0.050
	XUX	**XUZ X2000**	0.065
	XUL	**XUL Z41**	0.050
	XUJ	**XUZ A41**	0.050
	XUJ B	**XUZ A49**	0.120
Plastic mounting bracket with adjustable ball-joint	XU● (Ø 18 mm)	**XUZ A218**	0.035
Precision mounting bracket with micrometric adjustment	XU2 (Ø 18 mm) with laser transmission	**XUZ A318**	0.170
Plastic fixing clamps with locking screw	XUA (Ø 8 mm)	**XSA Z108**	0.007
		XSZ B108	0.006
	XU● (Ø 18 mm)	**XSA Z118**	0.020
		XSZ B118	0.010
	Glass fibre optics XUF S0810	**XSA Z145**	0.005
	Fibre optics XUF S2510	**XSA Z155**	0.005
	Fibre optics XUF S0210	**XSA Z185**	0.005
Set of 2 plastic nuts	XU● (Ø 18 mm)	**XSA Z318**	0.004
Set of 2 metal nuts	XU● (Ø 18 mm)	**XSZ E118**	0.015
Set of 2 stainless steel nuts	XU● (Ø 18 mm)	**XSZ E318**	0.015

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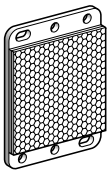
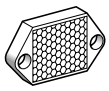
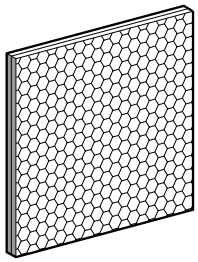
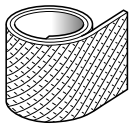
Accessories

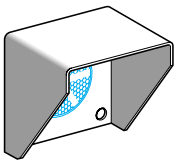

XUZ C●●

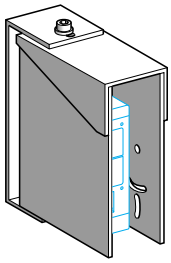

XUZ C50

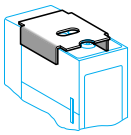

XUZ C24


XUZ C100


XUZ B0●

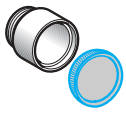

XUZ D15

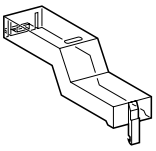

XUZ D25

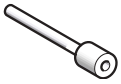

XUJ Z01


XUZ X2001


XUR Z01


XUR Z02


XUV Z02


XUF Z08

Reflectors

Description	Dimensions (mm)	Length (m)	Reference	Weight kg
Standard reflectors	Ø 16	–	**XUZ C16**	0.002
	Ø 21	–	**XUZ C21**	0.002
	Ø 31	–	**XUZ C31**	0.005
	Ø 39	–	**XUZ C39**	0.010
	Ø 80	–	**XUZ C80**	0.030
Universal reflector (without blind zone)	50 x 50	–	**XUZ C50**	0.020
Reflector for near sensing distances	24 x 21	–	**XUZ C24**	0.010
Reflector for long sensing distances	100 x 100	–	**XUZ C100**	0.035
Standard reflecting adhesive tape *(1)*	Width: 25 Thickness: 0.2	1	**XUZ B01**	0.015
		5	**XUZ B05**	0.075
Reflecting adhesive tape *(1)* (adapted for polarised reflex systems and **Osi**concept)	Width: 25 Thickness: 0.5	1	**XUZ B11**	0.020
		5	**XUZ B15**	0.085

Protection devices

Description	Use for	Reference	Weight kg
Protective enclosures	XUE and XUJ sensors	**XUZ D25**	0.920
	Reflectors XUZ C80 or XUZ C24	**XUZ D15**	0.270
Potentiometer protective cover	XUJ sensors	**XUJ Z01**	0.015

Cabling accessories

Description	Reference	Weight kg
Adaptor, ISO 16 - 1/2" NPT	**XUZ X2001**	0.050
Adaptor, ISO 16 - ISO 20	**XUZ X2002**	0.050

Lenses

Description	Use for	Reference	Weight kg
Lens for spot enlargement	XUR sensors	**XUR Z01**	0.010
Lens accessory for spot reduction	XUR sensors	**XUR Z02**	0.015

Separate spare parts

Description	Use for	Sold in lots of	Unit reference	Weight kg
Plastic adaptor, for connecting Ø 1 mm fibres	XUD A amplifiers	2	**XUZ Z08**	0.002
Transparent covers	XUV sensors	–	**XUV Z02**	0.003

Protective fuses

Description	Use for	Sold in lots of	Unit reference	Weight kg
Cartridge fuse 5 x 20 0.4 A quick-blow	Sensors not protected against short-circuits	10	**XUZ E04**	0.001
Junction unit	Cartridge fuses XUZ E0●	50	**AB1 FU10135U**	0.040

(1) Use at a maximum ambient temperature of + 50 °C.

Photo-electric sensors
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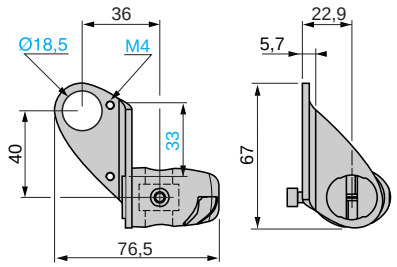
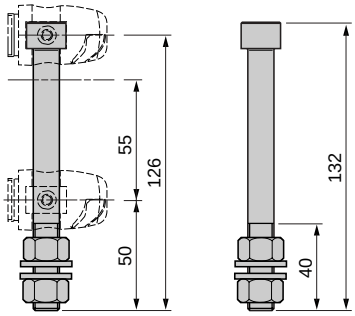
Accessories

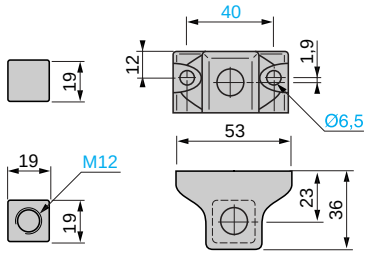
XUZ B2003
Ball-joint bracket for XUB or XUZ C50



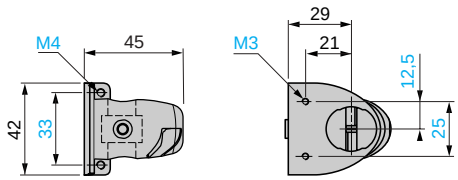
XUZ 2001
M12 rod



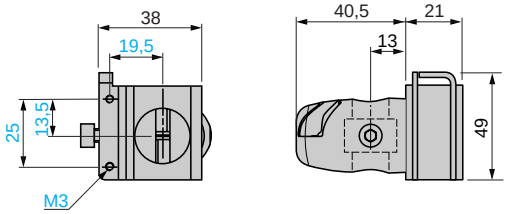
XUZ 2003
Support for M12 rod



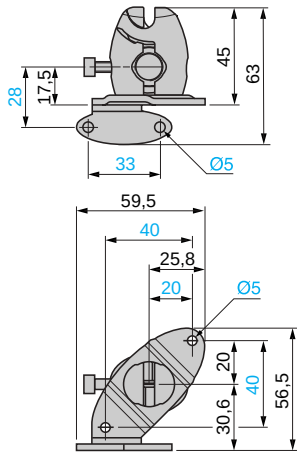
XUZ M2003
Ball-joint bracket for XUM *(1)* or XUZ C50



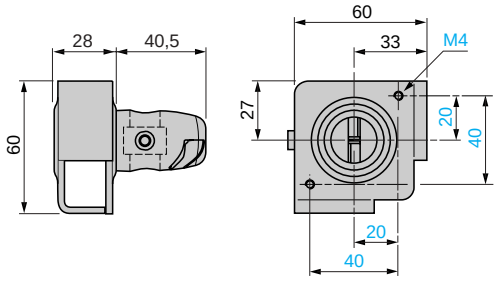
XUZ M2004
Ball-joint bracket with protective cover for XUM *(1)*



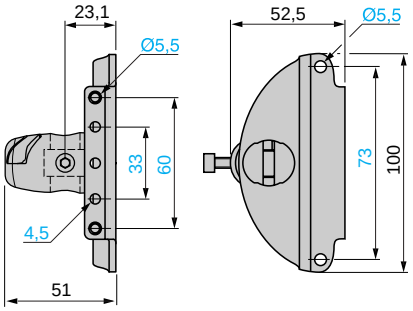
XUZ K2003
Ball-joint bracket for XUK *(1)* or XUZ C50



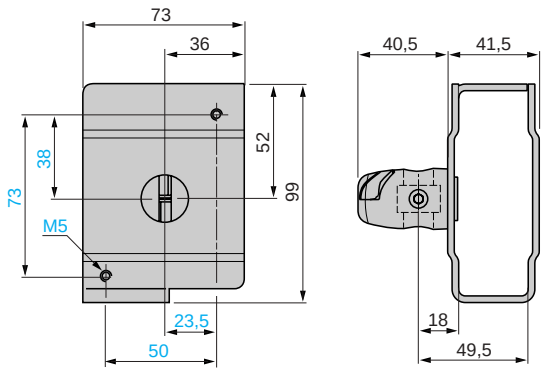
XUZ K2004
Ball-joint bracket with protective cover for XUK *(1)*



XUZ X2003
Ball-joint bracket for XUX *(1)* or XUZ C50



XUZ X2004
Ball-joint bracket with protective cover for XUX *(1)*



(1) Fixing screw for accessories supplied.

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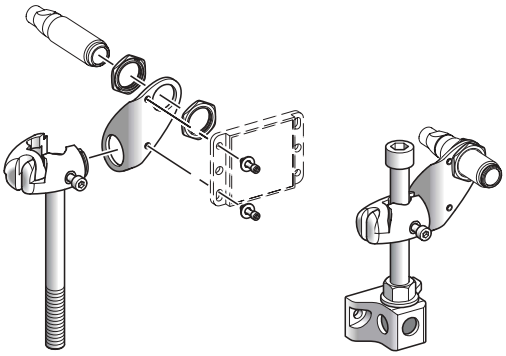
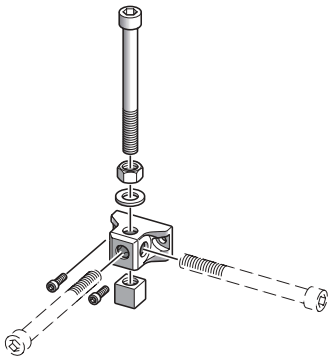
Accessories

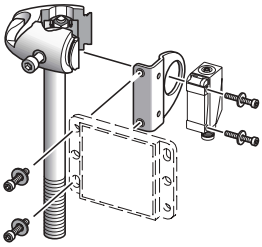
XUZ B2003 + XUZ 2001 + XUZ 2003
3D kit for XUB or reflector XUZ C50



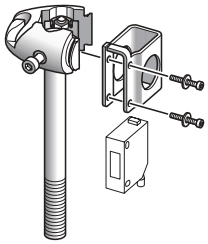
XUZ 2001 + XUZ 2003
M12 rod + support for rod



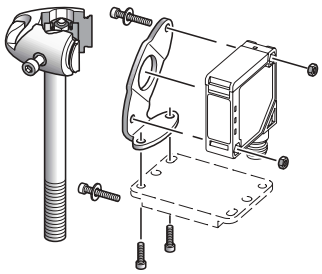
XUZ M2003 + XUZ 2001
3D kit for XUM or reflector XUZ C50



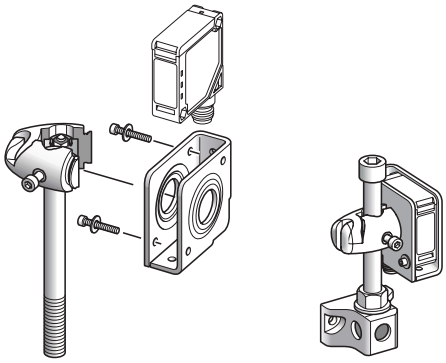
XUZ M2004 + XUZ 2001
3D kit with protective cover for XUM



XUZ K2003 + XUZ 2001
3D kit for XUK or reflector XUZ C50

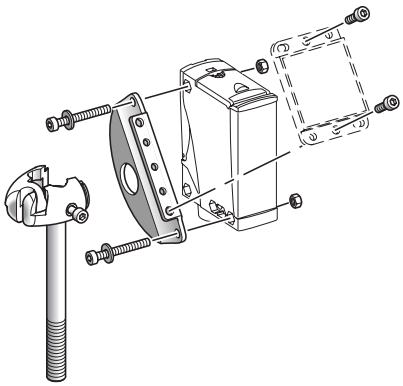


XUZ K2004 + XUZ 2001 + XUZ 2003
3D kit with protective cover for XUK



Mounting example

XUZ X2003 + XUZ 2001
3D kit for XUX or reflector XUZ C50



XUZ X2004 + XUZ 2001
3D kit with protective cover for XUX

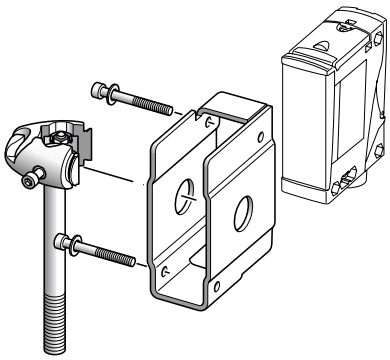
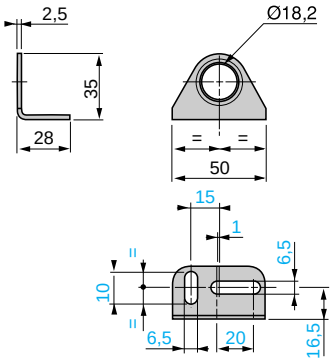
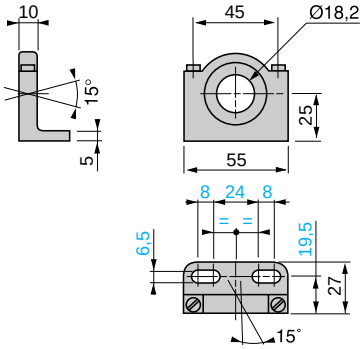


Photo-electric sensors
Osiris®
Accessories

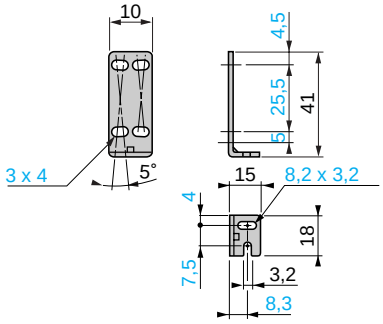
XUZ A118
Mounting bracket for XUB



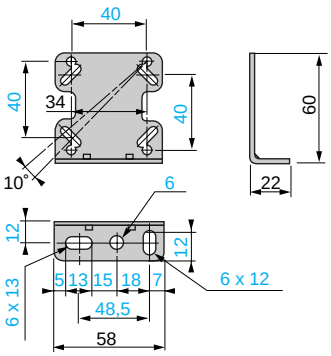
XUZ A218
Mounting bracket with adjustable ball-joint for XU● (Ø 18)



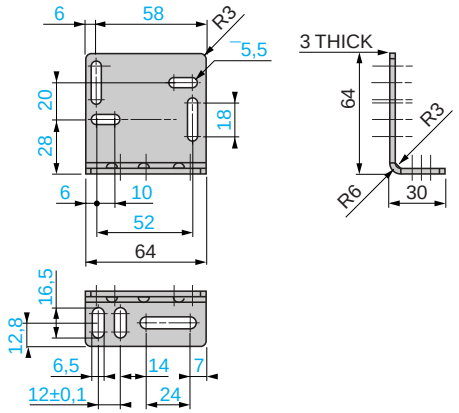
XUZ A50
Mounting bracket for XUM *(2)*



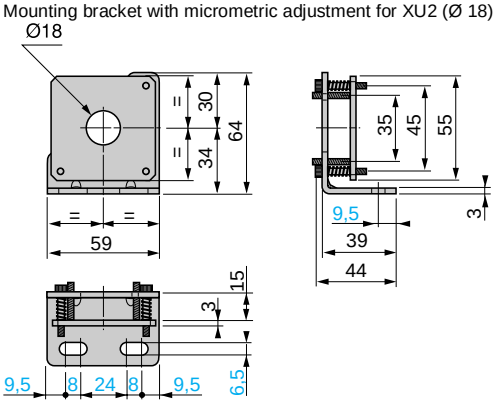
XUZ A51
Mounting bracket for XUK *(2)*



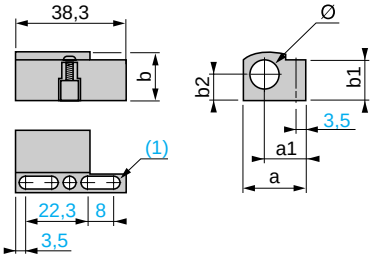
XUZ X2000
Mounting bracket for XUX *(2)*



XUZ A318
Mounting bracket with micrometric adjustment for XU2 (Ø 18) with laser transmission



XSZ B108, XSZ B118
Fixing clamps for XUA and XU● (Ø 18)

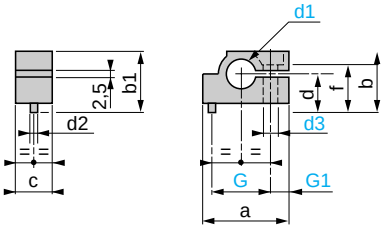


XCZ	a	a1	b	b1	b2	Ø
B108	21.1	14.5	14.2	12.8	7.5	8
B118	26	15.7	22	20.1	11.5	18

(1) 2 elongated holes 4 x 8

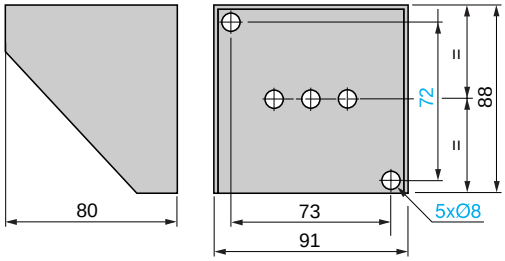
(2) Fixing screw for accessories supplied.

XSA Z1●●
Fixing clamps for XUA, XU● (Ø 18), XUF

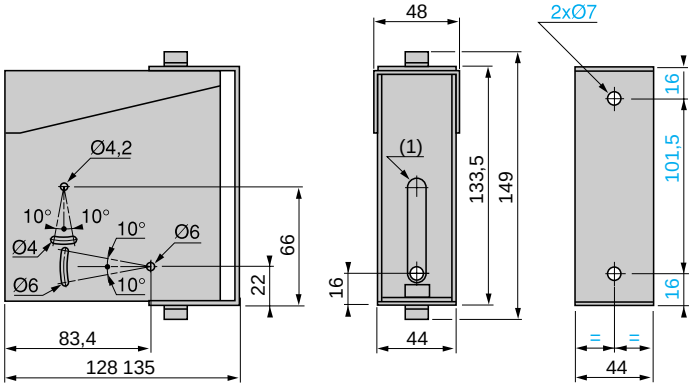


XSA	a	b	b1	c	d	Ød1	Ød2	Ød3	f	G	G1
Z108	23.5	14.2	16.7	10	8	8.1	2	4	10.5	16	5
Z118	41	30	33	17	18	18.1	3.9	6	24	30	7
Z145	23.5	14.2	16.7	10	8	4.7	2	4	10.5	16	5
Z155	23.5	14.2	16.7	10	8	5.7	2	4	10.5	16	5
Z185	23.5	14.2	16.7	10	8	8.6	2	4	10.5	16	5

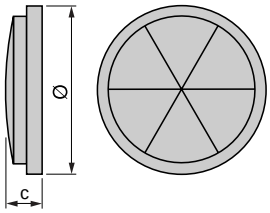
XUZ D15
Protective case for XUZ C80 or XUZ C24



XUZ D25
Protective case for XUE or XUJ

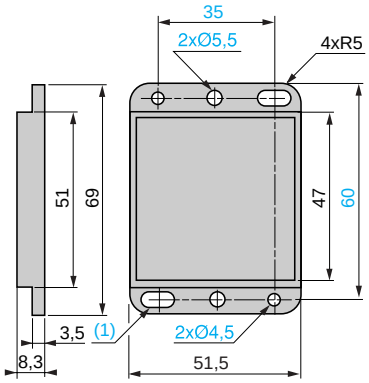


XUZ C●●



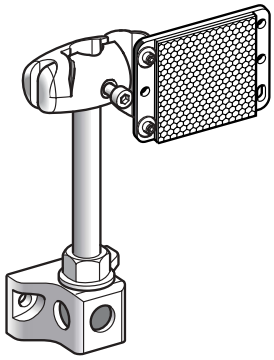
XUZ	Ø	c
C16	21	5.5
C21	25.5	5.5
C31	35.5	5.5
C39	46	8

XUZ C50

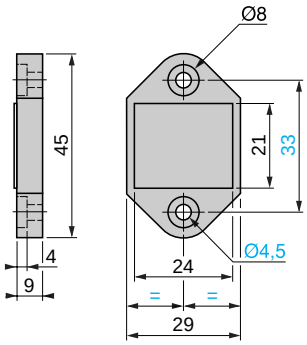


(1) 2 elongated holes 5 x 8

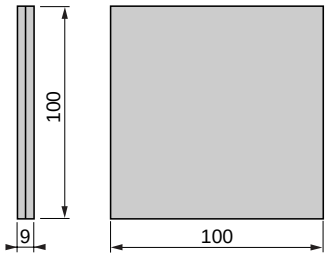
XUZ M2003 + XUZ 2001 + XUZ 2003 + XUZ C50
Mounting example



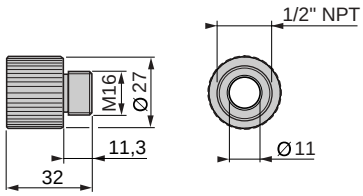
XUZ C24



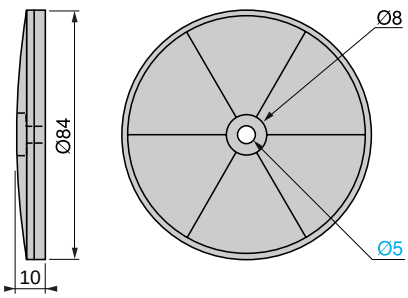
XUZ C100



XUZ X2001



XUZ C80



XUZ X2002

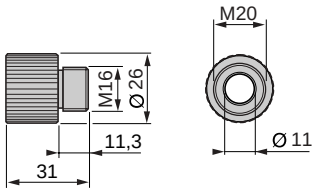


Photo-electric sensors

XU compatibility with other Telemecanique products

d.c. circuits

Operation on d.c.

Type of output		Solid-state						Relay			
Output current		**100 mA**		**200 mA**				**2 A / 3 A / 4 A**			
Sensor type		**XUA** ●● ●●● ●● *(1)* **XU2** M18AP20 D *(1)* **XU5** M18U1 D *(1)* **XUB0** ●●●● ●● **XUB●** ●●●● ●● **XUB●** 01353 ●● *(1)* **XUD** A● ●●●● ●● **XUK0** AKSA ●● **XUK●** A●●N ●● **XUK8** AKSN ●● *(1)* **XU●** ●18 ●P340 ●● *(1)*	**XUK** T 1KSM ●● *(1)* **XUM0** AKSA ●● *(1)* **XUM●** A●●N ●● **XUM●** 15353● *(1)* **XUM** W 1KSN ●● *(1)* **XUR** ●●●● ●● *(1)* **XUV** F●●● ●● *(2)* **XUV** ●●●● ●● *(1)* **XUX0** AKSA ●●● **XUX●** A●●N ●●●	**XU●** M18 M●230 ●●				**XUJ** B 06031H60 *(3)* **XUJ** G 073219 ●● *(2)* **XUK0** ARCT ●● **XUK●** ARCN ●● **XULG** 0●321● *(2)* **XUL** M 06031 H60 **XUX0** ARCT ●●● **XUX●** ARCN ●●●			
Supply voltage (V)		**12**	**24**	**24**	**48**	**110**	**230**	**24**	**48**	**110**	**230**
Motor contactors *(4)*											
TeSys model d contactors	**LC●** D09…D38										
TeSys model k contactors	**LP1** K, **LP2** K										
	LP4 K, **LP5** K										
Mini-contactors	**LP1** SK06										
Interface modules	**LA4** DFBQ/DFB/DLB										
	LA4 DFE/DLE										
	LA4 DWB										
	LA4 DT										
Control relays	**CA3** K										
	CA4 K										
	CAD										
	CAD low consumption										
Starters, drives											
Soft start - soft stop units	**LH4** except N106, N112, N125 for LI (logic inputs)		■	■				■			
	ATS 46, **ATS** 48										
Variable speed drives	**ATV** 08, **ATV** 11, **ATV** 28, **ATV** 58, **ATV** 58F, **VW3** A58 (communication card for ATV 58)							**A3**			
	ATV 68		**A3**	**A3**				**A3**			
	VW3 A68 (communication card for ATV 68)		■	■				■			
Automation system relays											
Plug-in relays	**RHC**										
	RHD/RHE										
	RHN										
	RHR/RHT										
Universal relays	**RUN** 21, **RUN** 31, **RUN** 33										
Miniature relays	**RXN**										
Timing relays	**RE1** LA										
	RE7 ●●1●BU										
	RE7 ●●●●MW										
	RE8										
	RE9										
Measurement and control relays	**RM3** PA101										
	RM3 PA102										
	RM4 JA31/JA32										
	RM4 LA32										
	RM4 UA3●										

(1) When used on a rectified and smoothed 24 V supply, ensure that the maximum voltage (including ripple) is less than 30 V.
(2) Only on 24 V.
(3) Only on 24 and 48 V.
(4) It is recommended that suppressor blocks are mounted on the contactors. Refer to our catalogue: "Motor starter solutions - Control and protection components".

Association possible.

Association not possible.

Association impractical.

■ *Association to be tested.*

A3 *Load impedance too high to ensure reliable operation of the sensor, I min = 10 mA (add a resistor in parallel with the load).*

Photo-electric sensors

XU compatibility with other Telemecanique products

d.c. circuits

Operation on d.c. *(continued)*

Type of output		Solid-state						Relay			
Output current		100 mA		200 mA				2 A / 3 A / 4 A			
Sensor type		**XUA** ●● ●●● ●● *(1)* **XU2** M18AP20 D *(1)* **XU5** M18U1 D *(1)* **XUB0** ●●●● ●● **XUB●** ●●●● ●● **XUB●** 01353 ●● *(1)* **XUD** A● ●●●● ●● **XUK0** AKSA ●● **XUK●** A●●N ●● **XUK8** AKSN ●● *(1)* **XU●** ●18 ●P340 ●● *(1)*	**XUK** T 1KSM ●● *(1)* **XUM0** AKSA ●● *(1)* **XUM●** A●●N ●● **XUM●** 15353● *(1)* **XUM** W 1KSN ●● *(1)* **XUR** ●●●● ●● *(1)* **XUV** F●●● ●● *(2)* **XUV** ●●●● ●● *(1)* **XUX0** AKSA ●●● **XUX●** A●●N ●●●	**XU●** M18 M●230 ●●				**XUJ** B 06031H60 *(3)* **XUJ** G 073219 ●● *(2)* **XUK0** ARCT ●● **XUK●** ARCN ●● **XULG** 0●321● *(2)* **XUL** M 06031 H60 **XUX0** ARCT ●●● **XUX●** ARCN ●●●			
Supply voltage (V)		12	24	24	48	110	230	24	48	110	230
Zelio Logic smart relays											
	SR1 ●●●●BD (discrete inputs)		F					A3			
	SR1 ●●●●BD (analogue inputs)		■					■			
Electromechanical and electronic interfaces											
Connection sub-bases	**ABE** 7S 16E2B1							A			
	ABE 7S 16E2E1							A3			
Electromechanical interface modules	**ABR** 1●●●8●										
	ABR 1E●12F										
	ABR 1S●02B, ABR 2●B312B										
	ABR 2E112●								A3		
	ABR 2S1●2B										
	ABR 7 S33E										
Solid-state interface modules	**ABS** 2EC01E●							A3	A3		
	ABS 2SA0●MB										
	ABS 2SC0●EB							A3			
Plug-in solid-state relays	**ABS** 7 EC3●2										
	ABS 7 SC1B/SC2E, **ABS** 7 SC3E/SC3BA							A3			
	ABS 7 SA2M/SA3M										

(1) When used on a rectified and smoothed 24 V supply, ensure that the maximum voltage (including ripple) is less than 30 V.
(2) Only on 24 V.
(3) Only on 24 and 48 V.

Association possible.

Association not possible.

Association impractical.

■ *Association to be tested.*

A *Load impedance too high to ensure reliable operation of the sensor (add a resistor in parallel with the load).*

A3 *Load impedance too high to ensure reliable operation of the sensor, I min = 10 mA (add a resistor in parallel with the load).*

F *Products not compatible with sensors having a residual current Ir ⩾ 1.5 mA (add a resistor in parallel with the load).*

Photo-electric sensors
XU compatibility with other Telemecanique products
d.c. circuits

Operation on d.c. *(continued)*

Type of output	Solid-state						Relay			
Output current	100 mA		200 mA				2 A / 3 A / 4 A			
Sensor type	**XUA** ●● ●●● ●● *(1)* **XU2** M18AP20 D *(1)* **XU5** M18U1 D *(1)* **XUB0** ●●●● ●● **XUB●** ●●●● ●● **XUB●** 01353 ●● *(1)* **XUD** A● ●●●● ●● **XUK0** AKSA ●● **XUK●** A●●N ●● **XUK8** AKSN ●● *(1)* **XU●** ●18 ●P340 ●● *(1)*	**XUK** T 1KSM ●● *(1)* **XUM0** AKSA ●● *(1)* **XUM●** A●●N ●● **XUM●** 15353● *(1)* **XUM** W 1KSN ●● *(1)* **XUR** ●●●● ●● *(1)* **XUV** F●●● ●● *(2)* **XUV** ●●●● ●● *(1)* **XUX0** AKSA ●●● **XUX●** A●●N ●●●	**XU●** M18 M●230 ●●				**XUJ** B 06031H60 *(3)* **XUJ** G 073219 ●● *(2)* **XUK0** ARCT ●● **XUK●** ARCN ●● **XULG** 0●321● *(2)* **XUL** M 06031 H60 **XUX0** ARCT ●●● **XUX●** ARCN ●●●			
Supply voltage (V)	12	24	24	48	110	230	24	48	110	230
Nano and Micro PLCs										
Nano PLC bases	**TSX** 07						A3			
Simulator modules	**TSX** ACZ 03						A3			
Discrete I/O modules	**TSX** DEZ 12D2						A3			
	TSX DEZ 12D2K/32D2						A3			
	TSX DMZ 16DTK/28DTK **TSX** DMZ 28DT/64DTK						A3			
	TSX DMZ 28DR		G	G			G			
Counting modules	**TSX** CTZ ●● (except ⎓ 5 V)									
Premium PLCs										
Discrete I/O modules	**TSX** DEY 08D2/16D2						A3			
	TSX DEY 16D3/32D3K							A3		
	TSX DEY 16A2									
	TSX DEY 16FK/32D2K, **TSX** DEY 64D2K						A3			
	TSX DMY 28FK/28RFK						A3			
	TBX CEP 1622						A3			
	TBX DES 1622, **TBX** DES 16C22/16F22						A3			
	TBX DES 1633							A3		
	TBX DMS 1025/1625, **TBX** DMS 16C22/16C222, **TBX** DMS 16P22						A3			
	TBX EEP 08C22 (Fipio)						A3			
	TBX EEP 1622 (Fipio)						A3			
Momentum discrete I/O sub-bases	**170** ADI 3●0 00						A3			
	170 ADM 350 1●/370 10 **170** ADM 390 ●0						A3			
	170 EDI 346 00						A3			
	170 AMM 090 00						A3			
Counting modules	**TSX** CTY 2A/4A						A3			
	TSX CTY 2C						A3			
Axis control modules for servomotors (counting inputs not compatible)	**TSX** CAY (drive control input)		F				A3			
	TSX CAY (auxiliary inputs)									
Axis control modules for stepper motors	**TSX** CFY (auxiliary inputs)						A3			

(1) When used on a rectified and smoothed 24 V supply, ensure that the maximum voltage (including ripple) is less than 30 V.
(2) Only on 24 V.
(3) Only on 24 and 48 V.

■ *Association possible.*

■ *Association not possible.*

■ *Association impractical.*

■ *Association to be tested.*

A3 *Load impedance too high to ensure reliable operation of the sensor, I min = 10 mA (add a resistor in parallel with the load).*

F *Products not compatible with sensors having a residual current Ir ⩾ 1.5 mA (add a resistor in parallel with the load).*

G *Load with "negative logic" type operation (high level = 0 V and low level = 24 V), not compatible with "positive logic" sensors.*

Photo-electric sensors
XU compatibility with other Telemecanique products
d.c. circuits

Operation on d.c.*(continued)*

Type of output		**Solid-state**						**Relay**			
Output current		**100 mA**		**200 mA**				**2 A / 3 A / 4 A**			
Sensor type		**XUA** ●● ●●● ●● *(1)* **XU2** M18AP20 D *(1)* **XU5** M18U1 D *(1)* **XUB0** ●●●● ●● **XUB●** ●●●● ●● **XUB●** 01353 ●● *(1)* **XUD** A● ●●●● ●● **XUK0** AKSA ●● **XUK●** A●●N ●● **XUK8** AKSN ●● *(1)* **XU●** ●18 ●P340 ●● *(1)*	**XUK** T 1KSM ●● *(1)* **XUM0** AKSA ●● *(1)* **XUM●** A●●N ●● **XUM●** 15353● *(1)* **XUM** W 1KSN ●● *(1)* **XUR** ●●●● ●● *(1)* **XUV** F●●● ●● *(2)* **XUV** ●●●● ●● *(1)* **XUX0** AKSA ●●● **XUX●** A●●N ●●●	**XU●** M18 M●230 ●●				**XUJ** B 06031H60 *(3)* **XUJ** G 073219 ●● *(2)* **XUK0** ARCT ●● **XUK●** ARCN ●● **XULG** 0●321● *(2)* **XUL** M 06031 H60 **XUX0** ARCT ●●● **XUX●** ARCN ●●●			
Supply voltage (V)		**12**	**24**	**24**	**48**	**110**	**230**	**24**	**48**	**110**	**230**
Quantum PLCs											
Discrete I/O modules		■	■	■	■	■	■	■	■	■	■
TSX series 7 PLCs											
	TSX 171●●/172●●, **TSX** DMF242A/3●●A (isolated inputs)							A3			
	TSX 171●●, **TSX** DMF 400 (non isolated inputs)							A3			
	TSX DEF 812										
Discrete input interfaces	**TSX** DET 32 ●2, **TSX** DET 8 12/16 12							A3			
	TSX DET 32 52							A3			
	TSX DET 8 14/8 24									A3	
	TSX DET 8 13/16 13/16 33								A3		
Counting interface	**TSX** AXT										
Communication modules	**TSX** DEM 241●							A3	A3		
AS-i cabling system		■	■	■	■	■	■	■	■	■	■
Twido programmable controllers											
Modular bases	**TWD** LMDA●●D●●										
Discrete I/O modules	**TWD** DDI●●DT										
	TWD DDI●●DK										
	TWD LCAA●●DRF (I0 and I1)										
	TWD LCAA●●DRF (I2 to I13)										

(1) When used on a rectified and smoothed 24 V supply, ensure that the maximum voltage (including ripple) is less than 30 V.
(2) Only on 24 V.
(3) Only on 24 and 48 V.

■ *Association possible.*

■ *Association not possible.*

■ *Association impractical.*

■ *Association to be tested.*

A3 *Load impedance too high to ensure reliable operation of the sensor, I min = 10 mA (add a resistor in parallel with the load).*

Photo-electric sensors
XU compatibility with other Telemecanique products
a.c. circuits

Operation on a.c.

Type of output		**Solid-state**				**Relay**			
Output current		**200 mA**				**2 A / 3 A / 4 A**			
Sensor type		**XU●** M18 M●230 ●●				**XUJ** B 06031 H60 **XUJ** G 073219 ●● *(2)* **XUK0** ARCT ●● **XUK●** ARCN ●● **XUL** G 0●321● *(2)* **XUL** M 06031 H60 **XUX0** ARCT ●●● **XUX●** ARCN ●●●			
Supply voltage (V)		**24**	**48**	**110**	**230**	**24**	**48**	**110**	**230**
Contactors *(4)*									
TeSys model d contactors	**LC●** D09…D38								
TeSys model k contactors	**LC1** K, **LC2** K, **LC7** K, **LC8** K								
Mini-contactors	**LC1** SK06/SKGC2								
	LC1 SKGC3/SKGC4								
Interface modules	**LA4** DT								
Control relays	**CA2** K								
	CAD								
Control relays + suppressor blocks	**CAD** + **LAD** 4RCE, **CAD** + **LAD** 4VE								
	CAD + **LAD** 4RCU, **CAD** + **LAD** 4VU								
	CAD + **LAD** 4VG								
Modular contactors	**GC** 16/25/40/63 (2-pole)	**A**	**A**	**A**	**A**	**A3**	**A3**	**A3**	**A3**
	GC 40/63 (3 or 4-pole) **GC** 100 (2-pole)					**A3**	**A3**	**A3**	**A3**
	GC 100 (4-pole)								
	GY 16/25/40/63 (2-pole)	**A**	**A**	**A**	**A**	**A3**	**A3**	**A3**	**A3**
	GY 40/63 (3 or 4-pole)					**A3**	**A3**	**A3**	**A3**
Automation system relays									
Plug-in relays	**RHC/RHD/RHE**								
	RHN 4●1●								
	RHN 4●6●								
	RHR/RHT								
Universal relays	**RUN** 21, **RUN** 31, **RUN** 33								
Miniature relays	**RXN**								
Timing relays	**RE1**								
	RE7								
	RE8								
	RE9								
Measurement and control relays	**RM3** EA1								
	RM3 PA101 MW								
	RM3 PA101 FU7								
	RM3 PA102								
	RM4 JA01			■	■			■	■
	RM4 JA31 MW, **RM4** JA32 MW	■	■	■	■	■	■	■	■
	RM4 JA31 F/M, **RM4** JA32 F/M			■	■			■	■
	RM4 LA32 MW								
	RM4 LA32 B/F/M								
	RM4 LG01								
	RM4 UA0●			■	■			■	■
	RM4 UA3● MW	■	■	■	■	■	■	■	■
	RM4 UA3●			■	■			■	■
Zelio Logic smart relays									
	SR1 ●101FU							**A3 F**	**A3 F**
	SR1 ●201FU							**A3 F**	**A3 F**

(2) Only on 24 V.
(4) It is recommended that suppressor blocks are mounted on the contactors. Refer to our catalogue: "Motor starter solutions - Control and protection components".

Association possible.

Association not possible.

Association impractical.

■ *Association to be tested.*

A *Load impedance too high to ensure reliable operation of the sensor (add a resistor in parallel with the load).*

A3 *Load impedance too high to ensure reliable operation of the sensor, I min = 10 mA (add a resistor in parallel with the load).*

F *Products not compatible with sensors having a residual current Ir ⩾ 1.5 mA (add a resistor in parallel with the load).*

Photo-electric sensors
XU compatibility with other Telemecanique products
a.c. circuits

Operation on a.c.*(continued)*

Type of output		Solid-state				Relay			
Output current		200 mA				2 A / 3 A / 4 A			
Sensor type		**XU●** M18 M●230 ●●				**XUJ** B 06031 H60 **XUJ** G 073219 ●● *(2)* **XUK0** ARCT ●● **XUK●** ARCN ●● **XUL** G 0●321● *(2)* **XUL** M 06031 H60 **XUX0** ARCT ●●● **XUX●** ARCN ●●●			
Supply voltage (V)		**24**	**48**	**110**	**230**	**24**	**48**	**110**	**230**
Electromechanical and electronic interfaces									
Connection sub-bases	**ABE** 7S16 E2●0						A3 F	A3	A3
Electromechanical interface modules	**ABR** 1●●●1F							A3	
	ABR 1●●●8B/1●●●8E								
	ABR 1E●●1M								A3
	ABR 2E111M								
	ABR 2E11●F								
Solid-state interface modules	**ABS** 2EA01E●								
	ABS 2EA02E●								
Plug-in solid-state relays	**ABS** 7 EC3●5						A3 F	A3	A3
Nano and Micro PLCs									
Nano PLC bases	**TSX** 07 30 ●●●8/31 ●●●8, **TSX** 07 32 ●●●8/33 ●●●8, **TSX** 07 3L ●●28, **TSX** 07 EX ●●28							A3	
Discrete I/O modules	**TSX** DEZ 08A●							A3	A3
	TSX DMZ 28AR							A3	
Premium PLCs									
Discrete I/O module	**TSX** DEY 16A●								
	TBX DES 16S04								
	TBX DMS 16S44								
Momentum discrete I/O sub-base	**170** ADI 540 50								
	170 ADM 690 50								
Quantum PLCs									
Discrete I/O modules		■	■	■	■	■	■	■	■
TSX series 7 PLCs									
	TSX 172 ●●●●●								
	TSX DMF 344A								
	TSX DEF 804								
	TSX DET 16 03/16 04								
	TSX DET 8 02/03/05								
	TSX DET 8 24								
AS-i cabling system		■	■	■	■	■	■	■	■

(2) Only on 24 V.

Association possible.

Association not possible.

Association impractical.

■ *Association to be tested.*

A3 *Load impedance too high to ensure reliable operation of the sensor, I min = 10 mA (add a resistor in parallel with the load).*

F *Products not compatible with sensors having a residual current Ir ⩾ 1.5 mA (add a resistor in parallel with the load).*

Photo-electric sensors

Old sensor	New Osiris sensor
Diameter 18 mm sensors	
XU1B18NP340	**XUB0ANSNL2+XUZC50** *(1)*
XU1B18NP340D	**XUB0ANSNM12+XUZC50** *(1)*
XU1B18PP340	**XUB0APSNL2+XUZC50** *(1)*
XU1B18PP340D	**XUB0APSNM12+XUZC50** *(1)*
XU1N18NP340	**XUB1BNANL2+XUZC50** *(2)*
	XUB1BNBNL2+XUZC50 *(3)*
XU1N18NP340D	**XUB1BNANM12+XUZC50** *(2)*
	XUB1BNBNM12+XUZC50 *(3)*
XU1N18NP340L5	**XUB1BNANL5+XUZC50** *(2)*
	XUB1BNBNL5+XUZC50 *(3)*
XU1N18NP340W	**XUB1BNAWL2+XUZC50** *(2)*
	XUB1BNBWL2+XUZC50 *(3)*
XU1N18NP340WD	**XUB1BNAWM12+XUZC50** *(2)*
	XUB1BNBWM12+XUZC50 *(3)*
XU1N18PP340	**XUB1BPANL2+XUZC50** *(4)*
	XUB1BPBNL2+XUZC50 *(5)*
XU1N18PP340D	**XUB1BPANM12+XUZC50** *(4)*
	XUB1BPBNM12+XUZC50 *(5)*
XU1N18PP340L5	**XUB1BPANL5+XUZC50** *(4)*
	XUB1BPBNL5+XUZC50 *(5)*
XU1N18PP340W	**XUB1BPAWL2+XUZC50** *(4)*
	XUB1BPBWL2+XUZC50 *(5)*
XU1N18PP340WD	**XUB1BPAWM12+XUZC50** *(4)*
	XUB1BPBWM12+XUZC50 *(5)*
XU1N18PP340WL5	**XUB1BPAWL5+XUZC50** *(4)*
	XUB1BPBWL5+XUZC50 *(5)*
XU1P18NP340	**XUB1ANANL2+XUZC50** *(2)*
	XUB1ANBNL2+XUZC50 *(3)*
XU1P18NP340D	**XUB1ANANM12+XUZC50** *(2)*
	XUB1ANBNM12+XUZC50 *(3)*
XU1P18NP340L5	**XUB1ANANL5+XUZC50** *(2)*
	XUB1ANBNL5+XUZC50 *(3)*
XU1P18NP340W	**XUB1ANAWL2+XUZC50** *(2)*
	XUB1ANBWL2+XUZC50 *(3)*
XU1P18NP340WD	**XUB1ANAWM12+XUZC50** *(2)*
	XUB1ANBWM12+XUZC50 *(3)*
XU1P18PP340	**XUB1APANL2+XUZC50** *(4)*
	XUB1APBNL2+XUZC50 *(5)*
XU1P18PP340D	**XUB1APANM12+XUZC50** *(4)*
	XUB1APBNM12+XUZC50 *(5)*
XU1P18PP340L5	**XUB1APANL5+XUZC50** *(4)*
	XUB1APBNL5+XUZC50 *(5)*
XU1P18PP340W	**XUB1APAWL2+XUZC50** *(4)*
	XUB1APBWL2+XUZC50 *(5)*
XU1P18PP340WD	**XUB1APAWM12+XUZC50** *(4)*
	XUB1APBWM12+XUZC50 *(5)*
XU1P18PP340WL5	**XUB1APAWL5+XUZC50** *(4)*
	XUB1APBWL5+XUZC50 *(5)*

Old sensor	New Osiris sensor
XU2B18NP340	**XUB0ANSNL2 +XUB0AKSNL2T**
XU2B18NP340D	**XUB0ANSNM12 +XUB0AKSNM12T**
XU2B18PP340	**XUB0APSNL2 +XUB0AKSNL2T**
XU2B18PP340D	**XUB0APSNM12 +XUB0AKSNM12T**
XU2M18NP340	**XUB0BNSNL2 +XUB0BKSNL2T** *(6)*
XU2M18NP340D	**XUB0BNSNM12 +XUB0BKSNM12T** *(6)*
XU2M18NP340WD	**XUB2BNAWM12R +XUB2AKAWM12T** *(2) (6)*
	XUB2BNBWM12R +XUB2AKAWM12T *(3) (6)*
XU2M18PP340	**XUB0BPSNL2 +XUB0BKSNL2T** *(6)*
XU2M18PP340D	**XUB0BPSNM12 +XUB0BKSNM12T** *(6)*
XU2M18PP340L10	**XUB0BPSNM12 +XUB0BKSNM12T +XZCP1141L10** *(6) (7)*
XU2M18PP340L5	**XUB0BPSNL5 +XUB0BKSNL5T** *(6)*
XU2M18PP340W	**XUB2BPAWL2R +XUB2AKAWL2T** *(4) (6)*
	XUB2BPBWL2R +XUB2AKAWL2T *(5) (6)*
XU2M18PP340WD	**XUB2BPAWM12R +XUB2AKAWM12T** *(4) (6)*
	XUB2BPBWM12R +XUB2AKAWM12T *(5) (6)*
XU2M18PP340WL5	**XUB2BPAWL5R +XUB2AKAWL5T** *(4) (6)*
	XUB2BPBWL5R +XUB2AKAWL5T *(5) (6)*
XU2N18NP340	**XUB2BNANL2R +XUB2BKSNL2T** *(2)*
	XUB2BNBNL2R +XUB2BKSNL2T *(3)*
XU2N18NP340D	**XUB2BNANM12R +XUB2BKSNM12T** *(2)*
	XUB2BNBNM12R +XUB2BKSNM12T *(3)*
XU2N18NP340WD	**XUB2BNAWM12R +XUB2BKAWM12T** *(2)*
	XUB2BNBWM12R +XUB2BKAWM12T *(3)*
XU2N18PP340	**XUB2BPANL2R +XUB2BKSNL2T** *(4)*
	XUB2BPBNL2R +XUB2BKSNL2T *(5)*
XU2N18PP340D	**XUB2BPANM12R +XUB2BKSNM12T** *(4)*
	XUB2BPBNM12R +XUB2BKSNM12T *(5)*
XU2N18PP340L5	**XUB2BPANL5R +XUB2BKSNL5T** *(4)*
	XUB2BPBNL5R +XUB2BKSNL5T *(5)*
XU2N18PP340W	**XUB2BPAWL2R +XUB2BKSWL2T** *(4)*
	XUB2BPBWL2R +XUB2BKSWL2T *(5)*

Old sensor	New Osiris sensor
XU2N18PP340WD	**XUB2BPAWM12R +XUB2BKAWM12T** *(4)*
	XUB2BPBWM12R +XUB2BKAWM12T *(5)*
XU2N18PP340WL5	**XUB2BPAWL5R +XUB2BKSWL5T** *(4)*
	XUB2BPBWL5R +XUB2BKSWL5T *(5)*
XU2P18NP340	**XUB2ANANL2R +XUB2AKSNL2T** *(2)*
	XUB2ANBNL2R +XUB2AKSNL2T *(3)*
XU2P18NP340D	**XUB2ANANM12R +XUB2AKSNM12T** *(2)*
	XUB2ANBNM12R +XUB2AKSNM12T *(3)*
XU2P18NP340W	**XUB2ANAWL2R +XUB2AKSWL2T** *(2)*
	XUB2ANBWL2R +XUB2AKSWL2T *(3)*
XU2P18NP340WD	**XUB2ANAWM12R +XUB2AKAWM12T** *(2)*
	XUB2ANBWM12R +XUB2AKAWM12T *(3)*
XU2P18PP340	**XUB2APANL2R +XUB2AKSNL2T** *(4)*
	XUB2APBNL2R +XUB2AKSNL2T *(5)*
XU2P18PP340D	**XUB2APANM12R +XUB2AKSNM12T** *(4)*
	XUB2APBNM12R +XUB2AKSNM12T *(5)*
XU2P18PP340L10	**XUB0APSNM12 +XUB0AKSNM12T +XZCP1141L10** *(6) (7)*
XU2P18PP340L5	**XUB2APANL5R +XUB2AKSNL5T** *(4)*
	XUB2APBNL5R +XUB2AKSNL5T *(5)*
XU2P18PP340W	**XUB2APAWL2R +XUB2AKSWL2T** *(4)*
	XUB2APBWL2R +XUB2AKSWL2T *(5)*
XU2P18PP340WD	**XUB2APAWM12R +XUB2AKAWM12T** *(4)*
	XUB2APBWM12R +XUB2AKAWM12T *(5)*
XU5B18NP340	**XUB0ANSNL2** *(8)*
XU5B18NP340D	**XUB0ANSNM12** *(8)*
XU5B18PP340	**XUB0APSNL2** *(8)*
XU5B18PP340D	**XUB0APSNM12** *(8)*
XU5B18PP340L5	**XUB0APSNL5** *(8)*
XU5M18NP340	**XUB0BNSNL2** *(8)*
XU5M18NP340D	**XUB0BNSNM12** *(8)*
XU5M18NP340L5	**XUB0BNSNL5** *(8)*
XU5M18NP340W	**XUB5BNAWL2** *(2)*
	XUB5BNBWL2 *(3)*
XU5M18NP340WL5	**XUB5BNAWL5** *(2)*
	XUB5BNBWL5 *(3)*

Note: XUZC50 is a 50 x 50 mm reflector, XUZA5● and XUZX2000 are metal fixing brackets and XUZX2001 is an M16 to 1/2" NPT adaptor (see pages 37012/2 and 37012/3).

(1) Sn = 2 m instead of 4 m.
(2) Sensor output NO, NPN connection.
(3) Sensor output NC, NPN connection.
(4) Sensor output NO, PNP connection.
(5) Sensor output NC, PNP connection.
(6) M18 threaded length = 44 mm instead of 50/55 mm.
(7) For a cable length = 10 m, the use of an M12 connector version sensor combined with an XZCP1141L10 jumper cable (M12 with 10 m cable) is recommended.
(8) Sn = 0.3 m instead of 0.4 m. For a sensing distance Sn greater than 0.3 m, see the references XUB5●●●●●● on page 37002/2.

Photo-electric sensors

Old sensor	**New Osiris sensor**
Diameter 18 mm sensors *(continued)*	
XU5M18PP340	**XUB0BPSNL2** *(8)*
XU5M18PP340D	**XUB0BPSNM12** *(8)*
XU5M18PP340L5	**XUB0BPSNL5** *(8)*
XU5M18PP340W	**XUB5BPAWL2** *(4)*
	XUB5BPBWL2 *(5)*
XU5M18PP340WD	**XUB5BPAWM12** *(4)*
	XUB5BPBWM12 *(5)*
XU5M18PP340WL5	**XUB5BPAWL5** *(4)*
	XUB5BPBWL5 *(5)*
XU5N18NP340	**XUB4BNANL2** *(2)*
	XUB4BNBNL2 *(3)*
XU5N18NP340D	**XUB4BNANM12** *(2)*
	XUB4BNBNM12 *(3)*
XU5N18NP340L5	**XUB4BNANL5** *(2)*
	XUB4BNBNL5 *(3)*
XU5N18NP340W	**XUB4BNAWL2** *(2)*
	XUB4BNBWL2 *(3)*
XU5N18NP340WD	**XUB4BNAWM12** *(2)*
	XUB4BNBWM12 *(3)*
XU5N18NP340WL5	**XUB4BNANL5** *(2)*
	XUB4BNBNL5 *(3)*
XU5N18PP340	**XUB4BPANL2** *(4)*
	XUB4BPBNL2 *(5)*
XU5N18PP340D	**XUB4BPANM12** *(4)*
	XUB4BPBNM12 *(5)*
XU5N18PP340L5	**XUB4BPANL5** *(4)*
	XUB4BPBNL5 *(5)*
XU5N18PP340W	**XUB4BPAWL2** *(4)*
	XUB4BPBWL2 *(5)*
XU5N18PP340WD	**XUB4BPAWM12** *(4)*
	XUB4BPBWM12 *(5)*
XU5N18PP340WL5	**XUB4BPANL5** *(4)*
	XUB4BPBNL5 *(5)*
XU5P18NP340	**XUB4ANANL2** *(2)*
	XUB4ANBNL2 *(3)*
XU5P18NP340D	**XUB4ANANM12** *(2)*
	XUB4ANBNM12 *(3)*
XU5P18NP340L5	**XUB4ANANL5** *(2)*
	XUB4ANBNL5 *(3)*
XU5P18NP340W	**XUB4ANAWL2** *(2)*
	XUB4ANBWL2 *(3)*
XU5P18NP340WD	**XUB4ANAWM12** *(2)*
	XUB4ANBWM12 *(3)*
XU5P18PP340	**XUB4APANL2** *(2)*
	XUB4APBNL2 *(3)*
XU5P18PP340D	**XUB4APANM12** *(2)*
	XUB4APBNM12 *(3)*

Old sensor	**New Osiris sensor**
XU5P18PP340L10	**XUB4APANM12 +XZCP1141L10** *(4) (7)*
	XUB4APBNM12 +XZCP1141L10 *(5) (7)*
XU5P18PP340L5	**XUB4APANL5** *(4)*
	XUB4APBNL5 *(5)*
XU5P18PP340W	**XUB4APAWL2** *(4)*
	XUB4APBWL2 *(5)*
XU5P18PP340WD	**XUB4APAWM12** *(4)*
	XUB4APBWM12 *(5)*
XU5P18PP340WL5	**XUB4APAWL5** *(4)*
	XUB4APBWL5 *(5)*
XU8B18NP340	**XUB0ANSNL2**
XU8B18NP340D	**XUB0ANSNM12**
XU8B18PP340	**XUB0APSNL2**
XU8B18PP340D	**XUB0APSNM12**
XU8B18PP340L10	**XUB0APSNM12 +XZCP1141L10** *(7)*
XU8M18NP340	**XUB0BNSNL2** *(6)*
XU8M18NP340D	**XUB0BNSNM12** *(6)*
XU8M18NP340L5	**XUB0BNSNL5** *(6)*
XU8M18NP340W	**XUB0BNSWL2** *(6)*
XU8M18NP340WD	**XUB0BNSWM12** *(6)*
XU8M18PP340	**XUB0BPSNL2** *(6)*
XU8M18PP340D	**XUB0BPSNM12** *(6)*
XU8M18PP340L5	**XUB0BPSNL5** *(6)*
XU8M18PP340W	**XUB0BPSWL2** *(6)*
XU8M18PP340WD	**XUB0BPSWM12** *(6)*
XU9B18NP340	**XUB0ANSNL2+XUZC50**
XU9B18NP340D	**XUB0ANSNM12+XUZC50**
XU9B18PP340	**XUB0APSNL2+XUZC50**
XU9B18PP340D	**XUB0APSNM12+XUZC50**
XU9B18PP340L5	**XUB0APSNL5+XUZC50**
XU9M18NP340	**XUB0BNSNL2+XUZC50** *(6)*
XU9M18NP340D	**XUB0BNSNM12+XUZC50** *(6)*
XU9M18NP340L5	**XUB0BNSNL5+XUZC50** *(6)*
XU9M18NP340W	**XUB9BNAWL2+XUZC50** *(2) (9)*
	XUB9BNBWL2+XUZC50 *(3) (9)*
XU9M18PP340	**XUB0BPSNL2+XUZC50** *(6)*
XU9M18PP340D	**XUB0BPSNM12+XUZC50** *(6)*
XU9M18PP340L5	**XUB0BPSNL5+XUZC50** *(6)*
XU9M18PP340W	**XUB9BPAWL2+XUZC50** *(4) (9)*
	XUB9BPBWL2+XUZC50 *(5) (9)*
XU9M18PP340WD	**XUB9BPAWM12+XUZC50** *(4) (9)*
	XUB9BPBWM12+XUZC50 *(5) (9)*

Old sensor	**New Osiris sensor**
XU9M18PP340WL5	**XUB9BPAWL5+XUZC50** *(4) (9)*
	XUB9BPBWL5+XUZC50 *(5) (9)*
XU9N18NP340	**XUB0BNSNL2+XUZC50** *(6)*
XU9N18NP340D	**XUB0BNSNM12+XUZC50** *(6)*
XU9N18NP340L5	**XUB0BNSNL5+XUZC50** *(6)*
XU9N18NP340W	**XUB0BNSWL2+XUZC50** *(6)*
XU9N18NP340WD	**XUB0BNSWM12+XUZC50** *(6)*
XU9N18PP340	**XUB0BPSNL2+XUZC50** *(6)*
XU9N18PP340D	**XUB0BPSNM12+XUZC50** *(6)*
XU9N18PP340L5	**XUB0BPSNL5+XUZC50** *(6)*
XU9N18PP340W	**XUB0BPSWL2+XUZC50** *(6)*
XU9N18PP340WD	**XUB0BPSWM12+XUZC50** *(6)*
XU9N18PP340WL5	**XUB0BPSWL5+XUZC50** *(6)*
XU9P18NP340	**XUB0ANSNL2+XUZC50** *(6)*
XU9P18NP340D	**XUB0ANSNM12+XUZC50** *(6)*
XU9P18NP340L5	**XUB0ANSNL5+XUZC50** *(6)*
XU9P18NP340W	**XUB0ANSWL2+XUZC50** *(6)*
XU9P18NP340WD	**XUB0ANSWM12+XUZC50** *(6)*
XU9P18PP340	**XUB0APSNL2+XUZC50** *(6)*
XU9P18PP340D	**XUB0APSNM12+XUZC50** *(6)*
XU9P18PP340W	**XUB0APSWL2+XUZC50** *(6)*
XU9P18PP340WD	**XUB0APSWM12+XUZC50** *(6)*
XU9P18PP340WL5	**XUB0APSWL5+XUZC50** *(6)*
Amplifiers for fibre optics	
XUDH003537	**XUDA1PSML2**
XUDH003537S	**XUDA1PSMM8**
XUDH003937	**XUDA2PSML2**
XUDH003937S	**XUDA2PSMM8**
XUDJ003537	**XUDA1NSML2**
XUDJ003537S	**XUDA1NSMM8**
XUDJ003937	**XUDA2NSML2**
XUDJ003937S	**XUDA2NSMM8**
Compact design sensors type XUE	
XUEF010315	**XUX0ARCTT16+XUZX2000** *(10)*
XUEF010315H7	**XUX0ARCTT16 +XUZX2000+XUZX2001**
XUEF080319	**XUX0ARCTT16+XUZX2000 +XUZC50** *(10)*
XUEF080319H4	**XUX0ARCTT16 +XUZX2000 +XUZX2001+XUZC50**
XUEF10031	**XUX0ARCTT16+XUZX2000 +XUZC50** *(10) (11)*
XUEF10031H7	**XUX0ARCTT16 +XUZX2000 +XUZX2001+XUZC50** *(11)*
XUEF300314	**XUX0ARCTT16+XUZX2000** *(10) (12)*
XUEF300314H7	**XUX0ARCTT16+XUZX2000 +XUZX2001** *(12)*

Note: XUZC50 is a 50 x 50 mm reflector, XUZA5● and XUZX2000 are metal fixing brackets and XUZX2001 is an M16 to 1/2" NPT adaptor (see pages 37012/2 and 37012/3).

(2) Sensor output NO, NPN connection.
(3) Sensor output NC, NPN connection.
(4) Sensor output NO, PNP connection.
(5) Sensor output NC, PNP connection.
(6) M18 threaded length = 44 mm instead of 50/55 mm.
(7) For a cable length = 10 m, the use of an M12 connector version sensor combined with an XZCP1141L10 jumper cable (M12 with 10 m cable) is recommended.
(9) M18 threaded length = 28 mm instead of 55 mm.
(10) Sensor with M16 threaded cable entry instead of Pg 13.
(11) Sn = 11 m instead of 15 m.
(12) Sn = 40 m instead of 50 m.

Old sensor	**New Osiris sensor**
Compact design sensors type XUE *(continued)*	
XUEH017535	**XUX0AKSAT16+XUZX2000** *(10) (13)*
XUEH017535H7	**XUX0AKSAT16+XUZX2000 +XUZX2001** *(13)*
XUEH10753	**XUX0AKSAT16+XUZX2000** *(10) (13)*
XUEH10753H7	**XUX0AKSAT16+XUZX2000 +XUZX2001** *(13)*
XUEH3000	**XUX0ARCTT16T+XUZX2000** *(10) (12)*
XUEH3000H7	**XUX0ARCTT16T+XUZX2000 +XUZX2001** *(12)*
XUEH307534	**XUX0AKSAT16+XUZX2000** *(10) (12) (13)*
XUEH307534H7	**XUX0AKSAT16+XUZX2000 +XUZX2001** *(12) (13)*
XUEH753538	**XUX0AKSAT16+XUZX2000** *(10) (13) (14)*
XUEH753538H4	**XUX0AKSAT16+XUZX2000 +XUZX2001** *(13) (14)*
XUET010315	**XUX0ARCTT16+XUZX2000** *(10) (15)*
XUET010315H7	**XUX0ARCTT16 +XUZX2000 +XUZX2001** *(15)*
XUET080319	**XUX0ARCTT16+XUZX2000 +XUZC50** *(10) (15)*
XUET080319H4	**XUX0ARCTT16 +XUZX2000 +XUZX2001+XUZC50** *(15)*
XUET10031	**XUX0ARCTT16+XUZX2000 +XUZC50** *(10) (11) (15)*
XUET10031H7	**XUX0ARCTT16 +XUZX2000 +XUZX2001+XUZC50** *(11) (15)*
XUET300314	**XUX0ARCTT16+XUZX2000** *(10) (12) (15)*
XUET300314H7	**XUX0ARCTT16+XUZX2000 +XUZX2001** *(12) (15)*
Compact design sensors type XUJ	
XUJK06353	**XUX0AKSAT16+XUZX2000 +XUZC50** *(13) (16)*
XUJK063539	**XUX0AKSAT16+XUZX2000 +XUZC50** *(13) (16)*
XUJK063539D1	**XUX0AKSAM12+XUZX2000 +XUZC50***(13)*
XUJK063539D2	**XUX0AKSAM12+XUZX2000 +XUZC50** *(13)*
XUJK063539H7	**XUX0AKSAT16+XUZX2000 +XUZC50 +XUZX2001** *(13)*
XUJK063539P9	**XUX0AKSAT16+XUZX2000 +XUZC50** *(13) (17)*
XUJK06353D1	**XUX0AKSAM12+XUZX2000 +XUZC50** *(13)*
XUJK06353D2	**XUX0AKSAM12+XUZX2000 +XUZC50** *(13)*
XUJK06353H7	**XUX0AKSAT16+XUZX2000 +XUZC50 +XUZX2001** *(13)*
XUJK06353P9	**XUX0AKSAT16+XUZX2000 +XUZC50** *(13) (17)*
XUJK103534	**XUX0AKSAT16+XUZX2000** *(13) (16)*
XUJK103534D1	**XUX0AKSAM12+XUZX2000** *(13)*
XUJK103534D2	**XUX0AKSAM12+XUZX2000** *(13)*
XUJK103534H7	**XUX0AKSAT16+XUZX2000 +XUZX2001** *(13)*
XUJK103534P9	**XUX0AKSAT16+XUZX2000** *(13) (17)*
XUJK123538	**XUX0AKSAT16+XUZX2000** *(13) (16)*
XUJK123538D1	**XUX0AKSAM12+XUZX2000** *(13)*
XUJK123538D2	**XUX0AKSAM12+XUZX2000** *(13)*
XUJK123538H7	**XUX0AKSAT16+XUZX2000 +XUZX2001** *(13)*
XUJK123538P9	**XUX0AKSAT16+XUZX2000** *(13) (17)*
XUJK703538	**XUX0AKSAT16+XUZX2000** *(13) (16)*
XUJK703538D1	**XUX0AKSAM12+XUZX2000** *(13)*
XUJK703538D2	**XUX0AKSAM12+XUZX2000** *(13)*
XUJK703538H7	**XUX0AKSAT16+XUZX2000 +XUZX2001** *(13)*
XUJK703538P9	**XUX0AKSAT16+XUZX2000** *(13) (17)*
XUJLM0619	**XUX9ARCNT16+XUZX2000 +XUZC50** *(16)*
XUJLM0619H7	**XUX9ARCNT16+XUZX2000 +XUZX2001 +XUZC50**
XUJLM0619P9	**XUX9ARCNT16+XUZX2000 +XUZC50** *(17)*
XUJLM0811	**XUX1ARCNT16+XUZX2000 +XUZC50** *(16)*
XUJLM0811H7	**XUX1ARCNT16+XUZX2000 +XUZX2001 +XUZC50**
XUJLM0811P9	**XUX1ARCNT16+XUZX2000 +XUZC50** *(17)*
XUJLM1503	**XUX0ARCTT16T+XUZX2000** *(16)*
XUJLM1503H7	**XUX0ARCTT16T+XUZX2000 +XUZX2001**
XUJLM1503P9	**XUX0ARCTT16T + XUZX2000** *(17)*
XUJLM1514	**XUX2ARCNT16R+XUZX2000** *(16)*
XUJLM1514H7	**XUX2ARCNT16R+XUZX2000 +XUZX2001**
XUJLM1514P9	**XUX2ARCNT16R+XUZX2000** *(17)*
XUJM06031	**XUX1ARCNT16+XUZX2000 +XUZC50** *(16)*
XUJM060319	**XUX9ARCNT16+XUZX2000 +XUZC50** *(16)*
XUJM060319D1	**XUX9ARCTT16+XUZX2000 +XUZC50**
XUJM060319D2	**XUX9ARCTT16+XUZX2000 +XUZC50**
XUJM060319H7	**XUX9ARCTT16+XUZX2000 +XUZX2001+XUZC50**
XUJM060319P9	**XUX9ARCTT16+XUZX2000 +XUZC50** *(17)*
XUJM06031D1	**XUX1ARCTT16+XUZX2000 +XUZC50**
XUJM06031D2	**XUX1ARCTT16+XUZX2000 +XUZC50**
XUJM06031H7	**XUX1ARCTT16+XUZX2000 +XUZX2001 + XUZC50**
XUJM06031P9	**XUX1ARCTT16+XUZX2000 +XUZC50** *(17)*
XUJM1000	**XUX0AKSAT16T+XUZX2000** *(16)*
XUJM1000D1	**XUX0AKSAM12T+XUZX2000**
XUJM1000D2	**XUX0AKSAM12T+XUZX2000**
XUJM1000H7	**XUX0AKSAT16T+XUZX2000 +XUZX2001**
XUJM1000P9	**XUX0AKSAT16T+XUZX2000** *(17)*
XUJM100314	**XUX0ARCTT16+XUZX2000** *(16)*
XUJM100314D1	**XUX0ARCTT16+XUZX2000**
XUJM100314D2	**XUX0ARCTT16+XUZX2000**
XUJM100314H7	**XUX0ARCTT16+XUZX2000 +XUZX2001**
XUJM100314P9	**XUX0ARCTT16+XUZX2000** *(17)*
XUJM120318	**XUX0ARCTT16+XUZX2000** *(16)*
XUJM120318D1	**XUX0ARCTT16+XUZX2000**
XUJM120318D2	**XUX0ARCTT16+XUZX2000**
XUJM120318H7	**XUX0ARCTT16+XUZX2000 +XUZX2001**
XUJM120318P9	**XUX0ARCTT16+XUZX2000** *(17)*
XUJM700318	**XUX0ARCTT16+XUZX2000** *(16)*
XUJM700318D1	**XUX0ARCTT16+XUZX2000**
XUJM700318D2	**XUX0ARCTT16+XUZX2000**
XUJM700318H7	**XUX0ARCTT16+XUZX2000 +XUZX2001**
XUJM700318P9	**XUX0ARCTT16+XUZX2000** *(17)*
XUJT06031	**XUX0ARCTT16+XUZX2000 +XUZC50** *(16)*
XUJT060319	**XUX0ARCTT16+XUZX2000 +XUZC50** *(16)*
XUJT060319D1	**XUX0ARCTT16+XUZX2000 +XUZC50**
XUJT060319D2	**XUX0ARCTT16+XUZX2000 +XUZC50**
XUJT060319H7	**XUX0ARCTT16+XUZX2000 +XUZC50+XUZX2001**
XUJT060319P9	**XUX0ARCTT16+XUZX2000 +XUZC50** *(17)*
XUJT06031D1	**XUX0ARCTT16+XUZX2000 +XUZC50**
XUJT06031D2	**XUX0ARCTT16+XUZX2000 +XUZC50**

Note: XUZC50 is a 50 x 50 mm reflector, XUZA5● and XUZX2000 are metal fixing brackets and XUZX2001 is an M16 to 1/2" NPT adaptor (see pages 37012/2 and 37012/3).

(10) Sensor with M16 threaded cable entry instead of Pg 13.
(11) Sn = 11 m instead of 15 m.
(12) Sn = 40 m instead of 50 m.
(13) Output current switching capacity = 100 mA instead of 200 mA.
(14) Sn = 1.30 m instead of 2 m.
(15) Time delay relay output 0.02...15 s instead of 0.03…60 s.
(16) Sensor with M16 threaded cable entry instead of Pg 11.
(17) Sensor with M16 threaded cable entry instead of Pg 9.

Photo-electric sensors

Old sensor	**New Osiris sensor**
Compact design sensors type XUJ *(continued)*	
XUJT06031H7	**XUX0ARCTT16+XUZX2000 +XUZC50+XUZX2001**
XUJT06031P9	**XUX0ARCTT16+XUZX2000 +XUZC50** *(17)*
XUJT100314	**XUX0ARCTT16+XUZX2000** *(16)*
XUJT100314D1	**XUX0ARCTT16+XUZX2000**
XUJT100314D2	**XUX0ARCTT16+XUZX2000**
XUJT100314H7	**XUX0ARCTT16+XUZX2000 +XUZX2001**
XUJT100314P9	**XUX0ARCTT16+XUZX2000** *(17)*
XUJT120318	**XUX0ARCTT16+XUZX2000** *(16)*
XUJT120318D1	**XUX0ARCTT16+XUZX2000**
XUJT120318D2	**XUX0ARCTT16+XUZX2000**
XUJT120318H7	**XUX0ARCTT16+XUZX2000 +XUZX2001**
XUJT120318P9	**XUX0ARCTT16+XUZX2000** *(17)*
XUJT700318	**XUX0ARCTT16+XUZX2000** *(16)*
XUJT700318D1	**XUX0ARCTT16+XUZX2000**
XUJT700318D2	**XUX0ARCTT16+XUZX2000**
XUJT700318H7	**XUX0ARCTT16+XUZX2000 +XUZX2001**
XUJT700318P9	**XUX0ARCTT16+XUZX2000** *(17)*
Compact design sensors type XUK	
XUK1ARCTL10	**XUK1ARCNL10+XUZA51 +XUZC50**
XUK1ARCTL2	**XUK1ARCNL2+XUZA51 +XUZC50**
XUK2AKSAL10	**XUK2APANL10R +XUK0AKSNL10T +2 x XUZA51** *(4)*
	XUK2APBNL10R +XUK0AKSNL10T +2 x XUZA51 *(5)*
	XUK2ANANL10R +XUK0AKSNL10T +2 x XUZA51 *(2)*
	XUK2ANBNL10R +XUK0AKSNL10T +2 x XUZA51 *(3)*
XUK2AKSAL2	**XUK2APANL2R +XUK0AKSNL2T +2 x XUZA51** *(4)*
	XUK2APBNL2R +XUK0AKSNL2T +2 x XUZA51 *(5)*
	XUK2ANANL2R +XUK0AKSNL2T +2 x XUZA51 *(2)*
	XUK2ANBNL2R +XUK0AKSNL2T +2 x XUZA51 *(3)*
XUK2AKSAM12	**XUK2APANM12R +XUK0AKSNM12T +2 x XUZA51** *(4)*
	XUK2APBNM12R +XUK0AKSNM12T +2 x XUZA51 *(5)*
	XUK2ANANM12R +XUK0AKSNM12T +2 x XUZA51 *(2)*
	XUK2ANBNM12R +XUK0AKSNM12T +2 x XUZA51 *(3)*
XUK2ARCTL10	**XUK0ARCTL10 +XUK0ARCTL10T +2 x XUZA51**
XUK2ARCTL2	**XUK0ARCTL2 +XUK0ARCTL2T +2 x XUZA51**
XUK5AKSAL10	**XUK5APANL10+XUZA51** *(4)*
	XUK5APBNL10+XUZA51 *(5)*
	XUK5ANANL10+XUZA51 *(2)*
	XUK5ANBNL10+XUZA51 *(3)*
XUK5AKSAL2	**XUK5APANL2+XUZA51** *(4)*
	XUK5APBNL2+XUZA51 *(5)*
	XUK5ANANL2+XUZA51 *(2)*
	XUK5ANBNL2+XUZA51 *(3)*
XUK5AKSAM12	**XUK5APANM12+XUZA51** *(4)*
	XUK5APBNM12+XUZA51 *(5)*
	XUK5ANANM12+XUZA51 *(2)*
	XUK5ANBNM12+XUZA51 *(3)*
XUK5ARCTL10	**XUK5ARCNL10+XUZA51**
XUK5ARCTL2	**XUK5ARCNL2+XUZA51**
XUK9AKSAL10	**XUK9APANL10+XUZA51 +XUZC50** *(4)*
	XUK9APBNL10+XUZA51 +XUZC50 *(5)*
	XUK9ANANL10+XUZA51 +XUZC50 *(2)*
	XUK9ANBNL10+XUZA51 +XUZC50 *(3)*
XUK9AKSAL2	**XUK9APANL2+XUZA51 +XUZC50** *(4)*
	XUK9APBNL2+XUZA51 +XUZC50 *(5)*
	XUK9ANANL2+XUZA51 +XUZC50 *(2)*
	XUK9ANBNL2+XUZA51 +XUZC50 *(3)*
XUK9AKSAM12	**XUK9APANM12+XUZA51 +XUZC50** *(4)*
	XUK9APBNM12+XUZA51 +XUZC50 *(5)*
	XUK9ANANM12+XUZA51 +XUZC50 *(2)*
	XUK9ANBNM12+XUZA51 +XUZC50 *(3)*
XUK9ARCTL10	**XUK9ARCNL10+XUZA51 +XUZC50**
XUK9ARCTL2	**XUK9ARCNL2+XUZA51 +XUZC50**

Old sensor	**New Osiris sensor**
Compact design sensors type XUL	
XULA040119	**XUK9ARCNL2+XUZA51 +XUZC50**
XULA040119K	**XUK9ARCNL2+XUZA51 +XUZC50+XZCC20FDM30B** *(18)*
XULA040119L10	**XUK9ARCNL10+XUZA51 +XUZC50**
XULA040119L5	**XUK9ARCNL10+XUZA51 +XUZC50**
XULA040219	**XUK9ARCNL2+XUZA51 +XUZC50**
XULA040219K	**XUK9ARCNL2+XUZA51 +XUZC50+XZCC20FDM30B** *(18)*
XULA040219L10	**XUK9ARCNL10+XUZA51 +XUZC50**
XULA040219L5	**XUK9ARCNL10+XUZA51 +XUZC50**
XULA06011	**XUK1ARCNL2+XUZA51 +XUZC50**
XULA06011K	**XUK1ARCNL2+XUZA51 +XUZC50+XZCC20FDM30B** *(18)*
XULA06011L10	**XUK1ARCNL10+XUZA51 +XUZC50**
XULA06011L5	**XUK1ARCNL10+XUZA51 +XUZC50**
XULA06021	**XUK1ARCNL2+XUZA51 +XUZC50**
XULA06021K	**XUK1ARCNL2+XUZA51 +XUZC50+XZCC20FDM30B** *(18)*
XULA06021L10	**XUK1ARCNL10+XUZA51 +XUZC50**
XULA06021L5	**XUK1ARCNL10+XUZA51 +XUZC50**
XULA700115	**XUK5ARCNL2+XUZA51 +XZCC20FDM30B**
XULA700115K	**XUK5ARCNL2+XUZA51 +XZCC20FDM30B** *(18)*
XULA700115L10	**XUK5ARCNL10+XUZA51**
XULA700115L5	**XUK5ARCNL10+XUZA51**
XULA700215	**XUK5ARCNL2+XUZA51 +XZCC20FDM30B**
XULA700215K	**XUK5ARCNL2+XUZA51 +XZCC20FDM30B** *(18)*
XULA700215L10	**XUK5ARCNL10+XUZA51**
XULA700215L5	**XUK5ARCNL10+XUZA51**
XULH043539	**XUK9APANL2+XUZA51 +XUZC50** *(13) (4)*
	XUK9APBNL2+XUZA51 +XUZC50 *(13) (5)*
XULH043539D	**XUK9APANM12+XUZA51 +XUZC50** *(13) (4)*
	XUK9APBNM12+XUZA51 +XUZC50 *(13) (5)*
XULH043539DH7	**XUK9APANM12+XUZA51 +XUZC50** *(13) (4)*
	XUK9APBNM12+XUZA51 +XUZC50 *(13) (5)*

Note: XUZC50 is a 50 x 50 mm reflector, XUZA5● and XUZX2000 are metal fixing brackets and XUZX2001 is an M16 to 1/2" NPT adaptor (see pages 37012/2 and 37012/3).

(2) Sensor output NO, NPN connection.
(3) Sensor output NC, NPN connection.
(4) Sensor output NO, PNP connection.
(5) Sensor output NC, PNP connection.
(13) Output current switching capacity = 100 mA instead of 200 mA.
(17) Sensor with M16 threaded cable entry instead of Pg 9.
(18) For a connector entry type 1/2" - 20 UNF, the use of an adaptor type XZCC20FDM30B (1/2" - 20 UNF screw terminals) is recommended.

Photo-electric sensors

Old sensor	New Osiris sensor
Compact design sensors type XUL *(continued)*	
XULH043539H7	**XUK9APANL2+XUZA51 +XUZC50** *(13) (4)*
	XUK9APBNL2+XUZA51 +XUZC50 *(13) (5)*
XULH043539L05	**XUK9APANL5+XUZA51 +XUZC50** *(13) (4)*
	XUK9APBNL5+XUZA51 +XUZC50 *(13) (5)*
XULH043539L10	**XUK9APANL10+XUZA51 +XUZC50** *(13) (4)*
	XUK9APBNL10+XUZA51 +XUZC50 *(13) (5)*
XULH06353	**XUK1APANL2+XUZA51 +XUZC50** *(13) (4)*
	XUK1APBNL2+XUZA51 +XUZC50 *(13) (5)*
XULH06353D	**XUK1APANM12+XUZA51 +XUZC50** *(13) (4)*
	XUK1APBNM12+XUZA51 +XUZC50 *(13) (5)*
XULH06353H7	**XUK1APANL2+XUZA51 +XUZC50** *(13) (4)*
	XUK1APBNL2+XUZA51 +XUZC50 *(13) (5)*
XULH06353L05	**XUK1APANL5+XUZA51 +XUZC50** *(13) (4)*
	XUK1APBNL5+XUZA51 +XUZC50 *(13) (5)*
XULH06353L10	**XUK1APANL10+XUZA51 +XUZC50** *(13) (4)*
	XUK1APBNL10+XUZA51 +XUZC50 *(13) (5)*
XULH083534	**XUK2APANL2+XUZA51** *(13) (4)*
	XUK2APBNL2+XUZA51 *(13) (5)*
XULH083534D	**XUK2APANM12+XUZA51** *(13) (4)*
	XUK2APBNM12+XUZA51 *(13) (5)*
XULH083534DH7	**XUK2APANM12+XUZA51** *(13) (4)*
	XUK2APBNM12+XUZA51 *(13) (5)*
XULH083534L05	**XUK2APANL5+XUZA51** *(13) (4)*
	XUK2APBNL5+XUZA51 *(13) (5)*
XULH083534L10	**XUK2APANL10+XUZA51** *(13) (4)*
	XUK2APBNL10+XUZA51 *(13) (5)*
XULH153538	**XUK0AKSAL2+XUZA51** *(13)*
XULH153538D	**XUK0AKSAM12+XUZA51** *(13)*
XULH153538H7	**XUK0AKSAM12+XUZA51** *(13)*
XULH153538L05	**XUK0AKSAL5+XUZA51** *(13)*
XULH153538L10	**XUK0AKSAL10+XUZA51** *(13)*
XULH303538	**XUK0AKSAL2+XUZA51** *(13)*
XULH303538D	**XUK0AKSAM12+XUZA51** *(13)*
XULH303538DH7	**XUK0AKSAM12+XUZA51** *(13)*
XULH303538L05	**XUK0AKSAL5+XUZA51** *(13)*
XULH303538L10	**XUK0AKSAL10+XUZA51***(13)*
XULH703535	**XUK5APANL2+XUZA51** *(13) (4)*
	XUK5APBNL2+XUZA51 *(13) (5)*
XULH703535D	**XUK5APANM12+XUZA51** *(13) (4)*
	XUK5APBNM12+XUZA51 *(13) (5)*
XULH703535H7	**XUK5APANM12+XUZA51** *(13) (4)*
	XUK5APBNM12+XUZA51 *(13) (5)*
XULH703535L05	**XUK5APANL5+XUZA51** *(13) (4)*
	XUK5APBNL5+XUZA51 *(13) (5)*
XULH703535L10	**XUK5APANL10+XUZA51** *(13) (4)*
	XUK5APBNL10+XUZA51 *(13) (5)*
XULJ043539	**XUK9ANANL2+XUZA51 +XUZC50** *(13) (2)*
	XUK9ANBNL2+XUZA51 +XUZC50 *(13) (3)*
XULJ043539D	**XUK9ANANM12+XUZA51 +XUZC50** *(13) (2)*
	XUK9ANBNM12+XUZA51 +XUZC50 *(13) (3)*
XULJ06353	**XUK1ANANL2+XUZA51 +XUZC50** *(13) (2)*
	XUK1ANBNL2+XUZA51 +XUZC50 *(13) (3)*
XULJ06353D	**XUK1ANANM12+XUZA51 +XUZC50** *(13) (2)*
	XUK1ANBNM12+XUZA51 +XUZC50 *(13) (3)*
XULJ06353L10	**XUK1ANANL10+XUZA51 +XUZC50** *(13) (2)*
	XUK1ANBNL10+XUZA51 +XUZC50 *(13) (3)*
XULJ083534	**XUK2ANANL2+XUZA51** *(13) (2)*
	XUK2ANBNL2+XUZA51 *(13) (3)*
XULJ083534D	**XUK2ANANM12+XUZA51** *(13) (2)*
	XUK2ANBNM12+XUZA51 *(13) (3)*
XULJ153538	**XUK0AKSAL2+XUZA51** *(13)*
XULJ153538D	**XUK0AKSAM12+XUZA51** *(13)*
XULJ153538H7	**XUK0AKSAM12+XUZA51** *(13)*
XULJ153538L05	**XUK0AKSAL5+XUZA51** *(13)*
XULJ303538	**XUK0AKSAL2+XUZA51** *(13)*
XULJ303538D	**XUK0AKSAM12+XUZA51** *(13)*
XULJ303538L05	**XUK0AKSAL5+XUZA51** *(13)*
XULJ703535	**XUK5ANANL2+XUZA51** *(13) (2)*
	XUK5ANBNL2+XUZA51 *(13) (3)*
XULJ703535D	**XUK5ANANM12+XUZA51** *(13) (2)*
	XUK5ANBNM12+XUZA51 *(13) (3)*
XULK0830	**XUK2AKSNL2T+XUZA51**
XULK0830D	**XUK2AKSNM12T+XUZA51**
XULK0830L05	**XUK2AKSNL5T+XUZA51**
XULK0830L10	**XUK2AKSNL10T+XUZA51**
XULM040319	**XUK9ARCNL2+XUZA51 +XUZC50** *(19)*
XULM040319H7	**XUK9ARCNL2+XUZA51 +XUZC50** *(19)*
XULM040319L05	**XUK9ARCNL5+XUZA51 +XUZC50** *(19)*
XULM040319L10	**XUK9ARCNL10+XUZA51 +XUZC50** *(19)*
XULM0600	**XUK2ARCNL2T+XUZA51**
XULM0600H7	**XUK2ARCNM12T+XUZA51**
XULM0600L05	**XUK2ARCNL5T+XUZA51**
XULM0600L10	**XUK2ARCNL10T+XUZA51**
XULM06031	**XUK1ARCNL2+XUZA51 + XUZC50**
XULM06031H7	**XUK1ARCNL2+XUZA51 + XUZC50**
XULM06031H7L10	**XUK1ARCNL2+XUZA51 + XUZC50**
XULM06031L05	**XUK1ARCNL5+XUZA51 + XUZC50**
XULM06031L10	**XUK1ARCNL10+XUZA51 + XUZC50**
XULM080314	**XUK2ARCNL2+XUZA51**
XULM080314H7	**XUK2ARCNL2+XUZA51**
XULM080314L05	**XUK2ARCNL5+XUZA51**
XULM080314L10	**XUK2ARCNL10+XUZA51**
XULM300318	**XUK0ARCTL2+XUZA51**
XULM300318H7	**XUK0ARCTL2+XUZA51**
XULM300318H7L10	**XUK0ARCTL10+XUZA51**
XULM300318L05	**XUK0ARCTL5+XUZA51**
XULM300318L10	**XUK0ARCTL10+XUZA51**
Compact design sensors type XUM	
XUMH023539	**XUM0APSAL2+XUZA50 +XUZC50**
XUMH023539L10	**XUM0APSAL10+XUZA50 +XUZC50**
XUMH03353	**XUM0APSAL2+XUZA50 +XUZC50**
XUMH03353L10	**XUM0APSAL10+XUZA50 +XUZC50**
XUMH07301	**XUM0AKSAL2T+XUZA50**
XUMH07301L10	**XUM0AKSAL10T+XUZA50**
XUMH073534	**XUM0APSAL2+XUZA50**

Note: XUZC50 is a 50 x 50 mm reflector, XUZA5● and XUZX2000 are metal fixing brackets and XUZX2001 is an M16 to 1/2" NPT adaptor (see pages 37012/2 and 37012/3).

(2) Sensor output NO, NPN connection.
(3) Sensor output NC, NPN connection.
(4) Sensor output NO, PNP connection.
(5) Sensor output NC, PNP connection.
(13) Output current switching capacity = 100 mA instead of 200 mA.
(19) Sn = 4 m instead of 10 m.

Old sensor	**New Osiris sensor**
Compact design sensors type XUM *(continued)*	
XUMH073534L10	**XUM0APSAL10+XUZA50**
XUMH103535	**XUM0APSAL2+XUZA50**
XUMH703535	**XUM0APSAL2+XUZA50** *(20)*
XUMJ023539	**XUM0ANSAL2+XUZA50 +XUZC50**
XUMJ03353	**XUM0ANSAL2+XUZA50 +XUZC50**
XUMJ073534	**XUM0ANSAL2+XUZA50**
XUMJ103535	**XUM0ANSAL2+XUZA50**
XUMJ703535	**XUM0ANSAL2+XUZA50** *(20)*
XUMLH0259	**XUM9APANL2+XUZA50 +XUZC50** *(4)*
	XUM9APBNL2+XUZA50 +XUZC50 *(5)*
XUMLH0259S	**XUM9APANM8+XUZA50 +XUZC50** *(4)*
	XUM9APBNM8+XUZA50 +XUZC50 *(5)*
XUMLH0451	**XUM1APANL2+XUZA50 +XUZC50** *(4)*
	XUM1APBNL2+XUZA50 +XUZC50 *(5)*
XUMLH0451L10	**XUM1APANL10+XUZA50 +XUZC50** *(4)*
	XUM1APBNL10+XUZA50 +XUZC50 *(5)*
XUMLH0451S	**XUM1APANM8+XUZA50 +XUZC50** *(4)*
	XUM1APBNM8+XUZA50 +XUZC50 *(5)*
XUMLH0451T10	**XUM1APANL2+XUZA50 +XUZC50** *(4)*
	XUM1APBNL2+XUZA50 +XUZC50 *(5)*
XUMLH0803	**XUM2AKSNL2T+XUZA50**
XUMLH0803S	**XUM2AKSNM8T+XUZA50**
XUMLH0854	**XUM2APANL2R+XUZA50 +XUZC50** *(4)*
	XUM2APBNL2R+XUZA50 +XUZC50 *(5)*
XUMLH0854S	**XUM2APANM8R+XUZA50 +XUZC50** *(4)*
	XUM2APBNM8R+XUZA50 +XUZC50 *(5)*
XUMLH1055	**XUM6APANL2+XUZA50** *(4)*
	XUM6APBNL2+XUZA50 *(5)*
XUMLH1055S	**XUM6APANM8+XUZA50** *(4)*
	XUM6APBNM8+XUZA50 *(5)*
XUMLH4055	**XUM5APANL2+XUZA50** *(4)*
	XUM5APBNL2+XUZA50 *(5)*
XUMLH4055S	**XUM5APANM8+XUZA50** *(4)*
	XUM5APBNM8+XUZA50 *(5)*
XUMLH4055T10	**XUM5APANL2+XUZA50** *(4)*
	XUM5APBNL2+XUZA50 *(5)*

Old sensor	**New Osiris sensor**
XUMLJ0259	**XUM9ANANL2+XUZA50 +XUZC50** *(2)*
	XUM9ANBNL2+XUZA50 +XUZC50 *(3)*
XUMLJ0259S	**XUM9ANANM8+XUZA50 +XUZC50** *(2)*
	XUM9ANBNM8+XUZA50 +XUZC50 *(3)*
XUMLJ0451	**XUM1ANANL2+XUZA50 +XUZC50** *(2)*
	XUM1ANBNL2+XUZA50 +XUZC50 *(3)*
XUMLJ0451S	**XUM1ANANM8+XUZA50 +XUZC50** *(2)*
	XUM1ANBNM8+XUZA50 +XUZC50 *(3)*
XUMLJ0854	**XUM2ANANL2R+XUZA50 +XUZC50** *(2)*
	XUM2ANBNL2R+XUZA50 +XUZC50 *(3)*
XUMLJ0854S	**XUM2ANANM8R+XUZA50 +XUZC50** *(2)*
	XUM2ANBNM8R+XUZA50 +XUZC50 *(3)*
XUMLJ1055	**XUM6ANANL2+XUZA50** *(2)*
	XUM6ANBNL2+XUZA50 *(3)*
XUMLJ1055S	**XUM6ANANM8+XUZA50** *(2)*
	XUM6ANBNM8+XUZA50 *(3)*
XUMLJ4055	**XUM5ANANL2+XUZA50** *(2)*
	XUM5ANBNL2+XUZA50 *(3)*
XUMLJ4055S	**XUM5ANANM8+XUZA50** *(2)*
	XUM5ANBNM8+XUZA50 *(3)*

Note: XUZC50 is a 50 x 50 mm reflector, XUZA5● and XUZX2000 are metal fixing brackets and XUZX2001 is an M16 to 1/2" NPT adaptor (see pages 37012/2 and 37012/3).

(2) Sensor output NO, NPN connection.
(3) Sensor output NC, NPN connection.
(4) Sensor output NO, PNP connection.
(5) Sensor output NC, PNP connection.
(20) Sn = 0.4 m instead of 0.7 m.