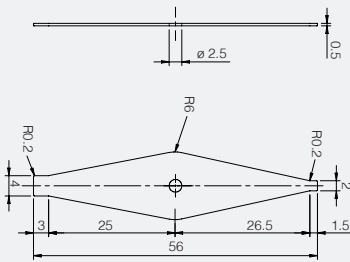




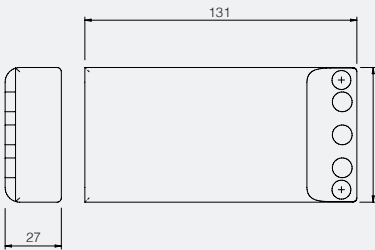
Installation accessories



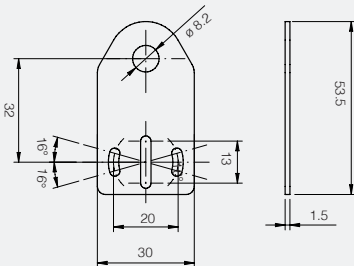
ST 82 / Screwdriver

product	suitable for	dimensions (mm)	descriptions / installation
	Sensors with trimmer adjustment		Screwdriver accessory for trimmer adjustment

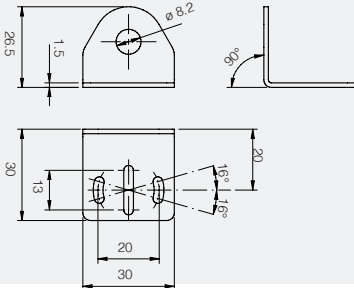
ST 100 / Accessory for testing DC sensors

product	suitable for	dimensions (mm)	descriptions / installation
	Accessories suitable for all types of photoelectric and proximity sensors		Accessory for testing DC sensors

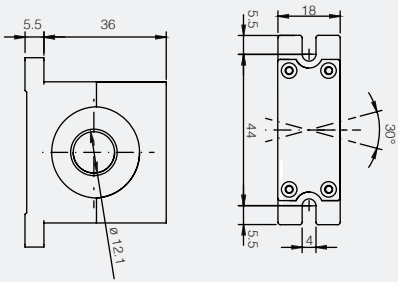
ST 08-A / Metal axial mount bracket for M08 cylindrical sensors

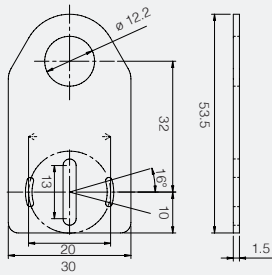
product	suitable for	dimensions (mm)	descriptions / installation
	Accessories suitable for M08 cylindrical sensors		Mounting with M3 screws

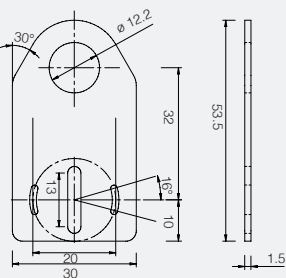
ST 08-C / Metal right angle mount bracket for M08 cylindrical sensors

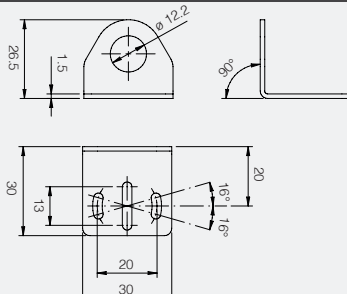
product	suitable for	dimensions (mm)	descriptions / installation
	Accessories suitable for M08 cylindrical sensors		Mounting with M3 screws



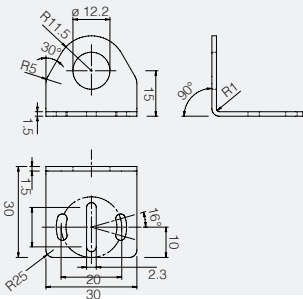
ST 04/ Plastic swing bracket for M12 cylindrical sensors			
product	suitable for	dimensions (mm)	descriptions / installation
	Accessories suitable for M12 cylindrical sensors		Mounting with M4 screws

ST 12-A / Metal axial mount bracket for M12 cylindrical sensors			
product	suitable for	dimensions (mm)	descriptions / installation
	Accessories suitable for M12 cylindrical sensors		Mounting with M3 screws

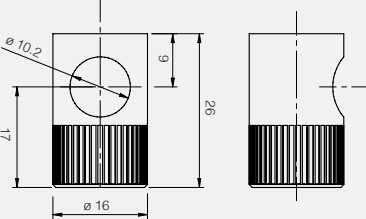
ST 12-A7W / Stainless steel AISI316L (DIN 1.4404) axial mount bracket for M12 cylindrical sensors			
product	suitable for	dimensions (mm)	descriptions / installation
	Accessories suitable for M12 cylindrical sensors		Mounting with M3 screws

ST 12-C / Metal right angle mount bracket for M12 cylindrical sensors			
product	suitable for	dimensions (mm)	descriptions / installation
	Accessories suitable for M12 cylindrical sensors		Mounting with M3 screws

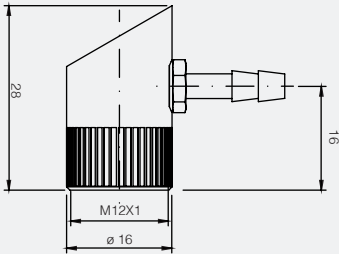
**ST 12-C7W / Stainless steel AISI 316L (DIN 1.4404) right angle mount bracket for M12 cylindrical sensors**

product	suitable for	dimensions (mm)	descriptions / installation
	Accessories suitable for M12 cylindrical sensors		Stainless steel AISI316L (DIN 1.4404) right angle mount bracket for M12 cylindrical sensors. Mounting with M3 screws

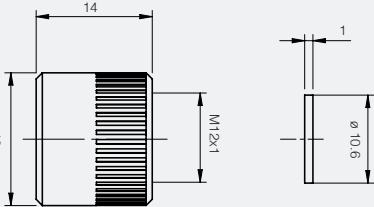
ST 37 / Right angle beam adapter for M12 cylindrical photoelectric sensors

product	suitable for	dimensions (mm)	descriptions / installation
	Accessories suitable for M12 cylindrical photoelectric sensors		Right angle beam adapter

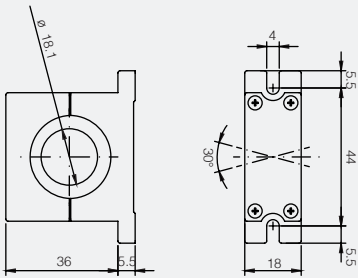
ST 36 / Antidust front for M12 cylindrical photoelectric sensors

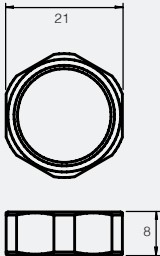
product	suitable for	dimensions (mm)	descriptions / installation
	Accessories suitable for M12 cylindrical photoelectric sensors		Antidust front

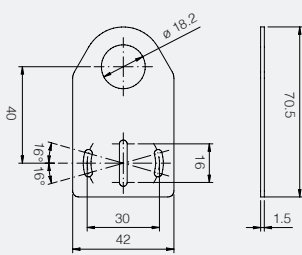
ST 60 / Protective front for M12 cylindrical photoelectric sensors

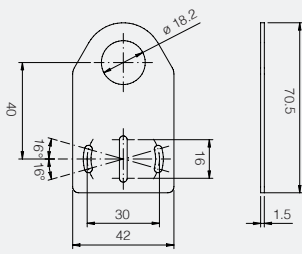
product	suitable for	dimensions (mm)	descriptions / installation
	Accessories suitable for M12 cylindrical photoelectric sensors		Protective front



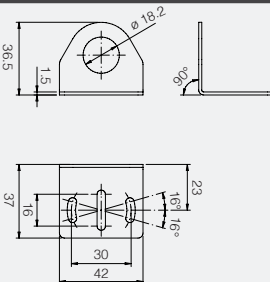
ST 02 / Plastic swing bracket for M18 cylindrical sensors			
product	suitable for	dimensions (mm)	descriptions / installation
	Accessories suitable for M18 cylindrical sensors. To be used with ST 29 metal ring nuts.		Mounting with M4 screws

ST 29 / M18 metal ring nuts for mounting of M18 cylindrical sensors on ST 02 swing bracket			
product	suitable for	dimensions (mm)	descriptions / installation
	Accessories suitable for M18 cylindrical sensors		Fixing with spanner of 21 mm

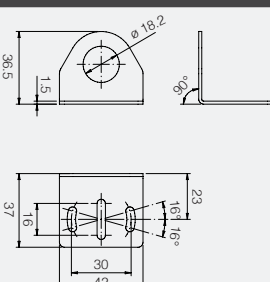
ST 18-A/ Metal axial mount bracket for M18 cylindrical sensors			
product	suitable for	dimensions (mm)	descriptions / installation
	Accessories suitable for M18 cylindrical sensors		Mounting with M4 screws

ST 18-A7W / Stainless steel AISI316L (DIN 1.4404) axial mount bracket for M18 cylindrical sensors			
product	suitable for	dimensions (mm)	descriptions / installation
	Accessories suitable for M18 cylindrical sensors		Mounting with M4 screws

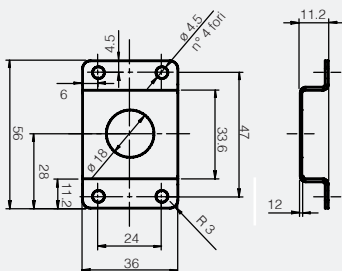
**ST 18-C / Metal right angle mount bracket for M18 cylindrical sensors**

product	suitable for	dimensions (mm)	descriptions / installation
	Accessories suitable for M18 cylindrical sensors		Mounting with M4 screws

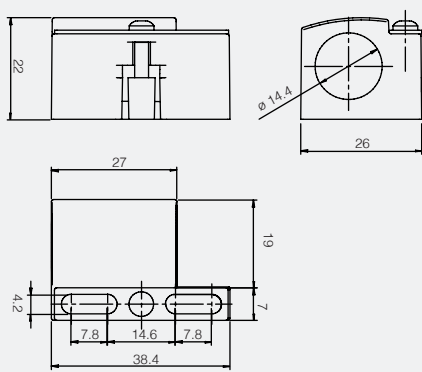
ST 18-C7W / Stainless steel AISI316L (DIN 1.4404) right angle mount bracket for M18 cylindrical sensors

product	suitable for	dimensions (mm)	descriptions / installation
	Accessories suitable for M18 cylindrical sensors		Mounting with M4 screws

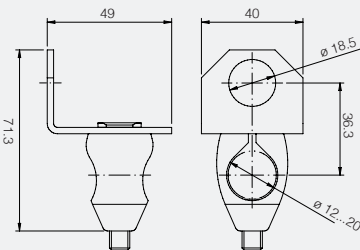
ST 18-V / Metal right angle mount bracket for M18 cylindrical sensors

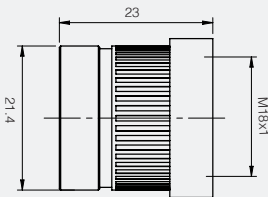
product	suitable for	dimensions (mm)	descriptions / installation
	Accessories suitable for M18 cylindrical sensors		Mounting with M4 screws

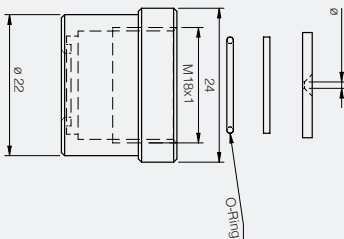
ST 18-S / Stainless steel AISI316L (DIN 1.4404) right angle mount bracket for M18 cylindrical sensors

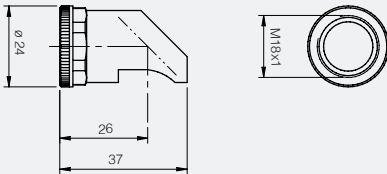
product	suitable for	dimensions (mm)	descriptions / installation
	Accessories suitable for M18 cylindrical sensors		Mounting with M4 screws



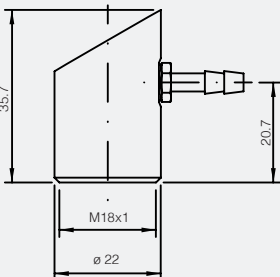
STC 18 / Mounting bracket for M18 cylindrical sensors			
product	suitable for	dimensions (mm)	descriptions / installation
	Accessories suitable for M18 cylindrical sensors		Metal right angle mount bracket

STF-12 STF-25 STF-50 / Focusing device for M18 cylindrical photoelectric sensors SAT – LDLU – LTB – SST – MST series			
product	suitable for	dimensions (mm)	descriptions / installation
	Accessories suitable for M18 cylindrical photoelectric sensors		Focal distance for: STF-12 → 12 mm STF-25 → 25 mm STF-50 → 50 mm

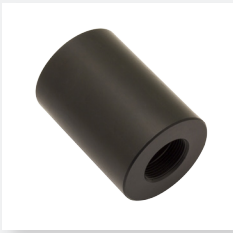
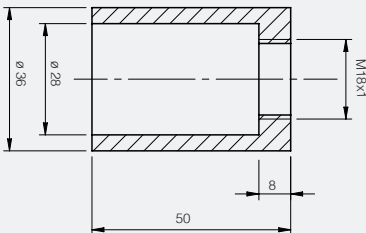
STOS-1 STOS-2 STOS-3 STOS-4 STOS-6 STOS-8 / Shutter for M18 cylindrical photoelectric sensors			
product	suitable for	dimensions (mm)	descriptions / installation
	Accessories suitable for M18 cylindrical photoelectric sensors		Shutter

ST 03 / Right angle beam adapter for M18 cylindrical photoelectric sensors			
product	suitable for	dimensions (mm)	descriptions / installation
	Accessories suitable for M18 cylindrical photoelectric sensors		Right angle beam adapter

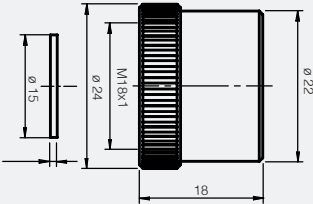
**ST 30 / Antidust front for M18 cylindrical photoelectric sensors**

product	suitable for	dimensions (mm)	descriptions / installation
	Accessories suitable for M18 cylindrical photoelectric sensors	 35.7 20.7 M18x1 ø 22	Antidust front

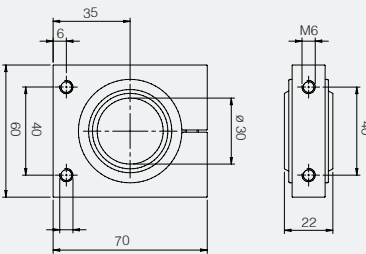
ST 32 / Anti-condensation front for M18 cylindrical photoelectric sensors

product	suitable for	dimensions (mm)	descriptions / installation
	Accessories suitable for M18 cylindrical photoelectric sensors	 ø 36 ø 28 M18x1 8 50	Anti-condensation front

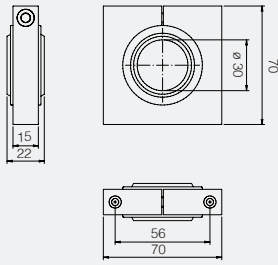
ST 50 / Protective front for M18 cylindrical photoelectric sensors

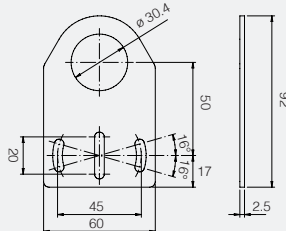
product	suitable for	dimensions (mm)	descriptions / installation
	Accessories suitable for M18 cylindrical photoelectric sensors	 ø 15 M18x1 ø 24 ø 22 18	Protective front

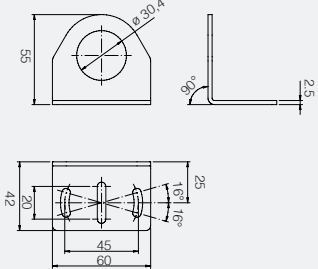
ST 13 / Metal swing bracket with threaded holes for M30 cylindrical sensors

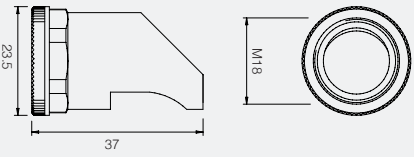
product	suitable for	dimensions (mm)	descriptions / installation
	Accessories suitable for M30 cylindrical sensors	 35 6 40 60 70 ø 30 M6 40 22	Mounting with M6 screws from beneath the surface or through the wall



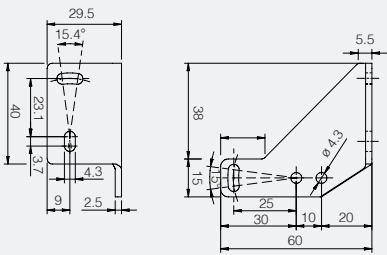
ST 14 / Metal swing bracket with threaded holes for M30 cylindrical sensors			
product	suitable for	dimensions (mm)	descriptions / installation
	Accessories suitable for M30 cylindrical sensors		Mounting with M6 screws from upper side

ST 30-A / Metal axial mount bracket for M30 cylindrical sensors			
product	suitable for	dimensions (mm)	descriptions / installation
	Accessories suitable for M30 cylindrical sensors		Mounting with M5 screws

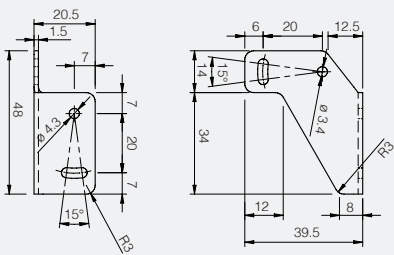
ST 30-C/ Metal right angle mount bracket for M30 cylindrical sensors			
product	suitable for	dimensions (mm)	descriptions / installation
	Accessories suitable for M30 cylindrical sensors		Mounting with M5 screws

ST 03-U / Beam deflector for M18 ultrasonic cylindrical sensors			
product	suitable for	dimensions (mm)	descriptions / installation
	Accessories suitable for M18 ultrasonic cylindrical sensors		Plastic beam deflector

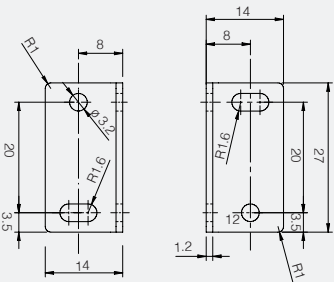
**ST 01 / Metal mount bracket for rectangular photoelectric sensors BS - BV series**

product	suitable for	dimensions (mm)	descriptions / installation
	Accessories suitable for rectangular photoelectric sensors BS - BV series		Mounting with M4 screws

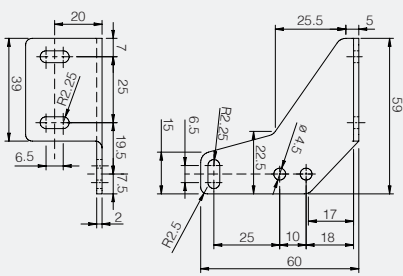
ST 07 / Metal mount bracket for rectangular photoelectric sensors PS - FS1 series

product	suitable for	dimensions (mm)	descriptions / installation
	Accessories suitable for rectangular photoelectric sensors PS - FS1 series		Mounting with M3 screws (M4 on sensor)

ST 70 / Metal mount bracket for rectangular photoelectric sensors BS - BV series

product	suitable for	dimensions (mm)	descriptions / installation
	Accessories suitable for rectangular photoelectric sensors BS - BV series		Mounting with M3 screws

ST 80 / Metal top mount bracket for rectangular photoelectric sensors RX series

product	suitable for	dimensions (mm)	descriptions / installation
	Accessories suitable for rectangular photoelectric sensors RX series		Mounting with M4 screws

ST 81 / Metal side mount bracket for rectangular photoelectric sensors RX series			
product	suitable for	dimensions (mm)	descriptions / installation
	Accessories suitable for rectangular photoelectric sensors RX series	Technical drawing showing dimensions (mm): - Front view: Total width 70, mounting hole spacing 47.5, 15, 15, 6, 19. Mounting hole diameter 7.5. Flange thickness 10, 10. - Side view: Total height 32.5, mounting hole spacing 21, 15. Mounting hole diameter 7.5. Flange thickness 1.5. - Detail view: Mounting hole diameter 7.5, hole spacing 32, 47.5, 15. Mounting hole diameter 7.5.	Mounting with M5 screws

STC 80 / Mounting bracket for rectangular photoelectric sensorsRX-BS-BV-PS series			
product	suitable for	dimensions (mm)	descriptions / installation
	Accessories suitable for rectangular photoelectric sensors RX - BS - BV - PS series		Mounting bracket

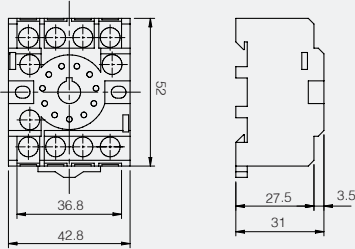
STC 00/ Mounting bracket for retro-reflective			
product	suitable for	dimensions (mm)	descriptions / installation
	Accessories suitable for reflectors RL110-RL116-RL113 series		- Fix the reflector RL 110 to the hole 1 using the M5 screw and nut; - Fix the reflector RL 116 to the holes 2 using two M3 screws and nuts; - Fix the reflector RL 113G to the holes 3 using two M3 screws and nuts.

The screws and the nuts are included.

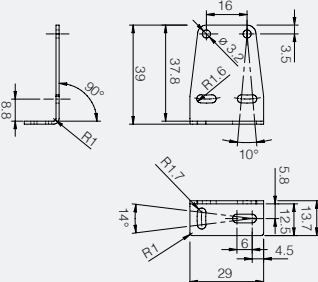
ST 28 / Right angle beam adapter for M7 optical fibres CF/RBA-** and CF/RCA-20 models			
product	suitable for	dimensions (mm)	descriptions / installation
	Accessories suitable for optical fibres CF/RBA and CF/RCA		Right angle beam adapter



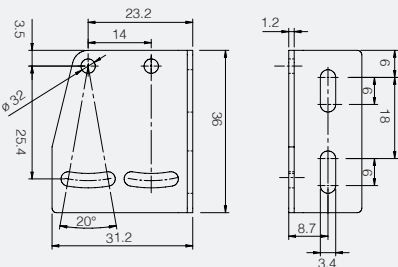
STZ3 / Undecal socket to be used together with UR control unit series

product	suitable for	dimensions (mm)	descriptions / installation
	UR control unit series	 Top view: 42.8 x 52 mm, 36.8 mm hole spacing. Side view: 31 mm height, 27.5 mm base, 3.5 mm lip.	Undecal socket

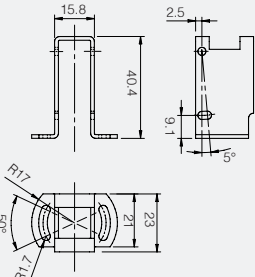
ST 101 / L shape vertical mounting bracket for miniaturized rectangular sensors QM series

product	suitable for	dimensions (mm)	descriptions / installation
	Various accessories	 Top view: 39 mm height, 16 mm width, 8.8 mm hole spacing, 30° angle. Side view: 10° tip, R1.6, 3.5 mm lip. Bottom view: 14° angle, R1.7, 5.8 mm hole spacing, 13.7 mm width, 12.5 mm hole spacing, 4.5 mm lip, 29 mm base.	L shape vertical mounting bracket

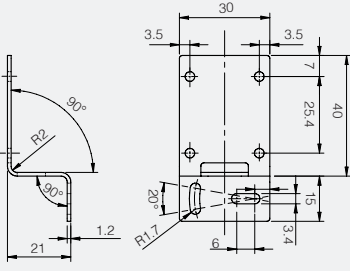
ST 102 / L shape side mounting bracket for miniaturized rectangular sensors QM series

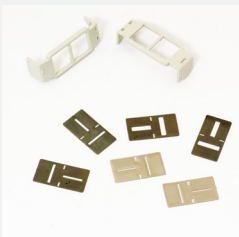
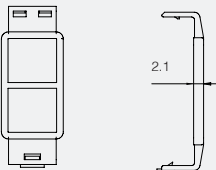
product	suitable for	dimensions (mm)	descriptions / installation
	Various accessories	 Top view: 36 mm height, 23.2 mm width, 14 mm hole spacing, 3.5 mm hole spacing, 25.4 mm hole spacing, 20° angle, 31.2 mm base. Side view: 1.2 mm lip, 6 mm hole spacing, 18 mm hole spacing, 6 mm hole spacing, 8.7 mm hole spacing, 3.4 mm base.	• +/- 10° tip • Stainless steel

ST 103 ⁽¹⁾ / Vertical mounting bracket with protective cover for miniaturized rectangular sensors QM series

product	suitable for	dimensions (mm)	descriptions / installation
	Various accessories	 Top view: 15.8 mm width, 2.5 mm lip, 40.4 mm height, 9.1 mm hole spacing, 5° angle. Side view: R1.7, 21 mm hole spacing, 23 mm hole spacing, 17° angle.	• +/- 25° swivel • Stainless steel



ST 104 ⁽¹⁾ / Horizontal mounting bracket with protective cover for miniaturized rectangular sensors QM series			
product	suitable for	dimensions (mm)	descriptions / installation
	Various accessories		• +/- 10° swivel • Stainless steel

STQMO / Vertical and horizontal diaphragms (0,5-1-2) for miniaturized rectangular sensors QM series																			
product	suitable for	dimensions (mm)	descriptions / installation																
	Various accessories		Packing units 2 <table><tr><td>dia.</td><td>0,5</td><td>1</td><td>2</td></tr><tr><td>Sn (EG=1)</td><td>1,5 m</td><td>2m</td><td>4,5 m</td></tr><tr><td>Sn (EG=2)</td><td>1 m</td><td>1,5 m</td><td>4 m</td></tr><tr><td>Min Ø</td><td>0,8 mm</td><td>1,5 mm</td><td>2,5 mm</td></tr></table>	dia.	0,5	1	2	Sn (EG=1)	1,5 m	2m	4,5 m	Sn (EG=2)	1 m	1,5 m	4 m	Min Ø	0,8 mm	1,5 mm	2,5 mm
dia.	0,5	1	2																
Sn (EG=1)	1,5 m	2m	4,5 m																
Sn (EG=2)	1 m	1,5 m	4 m																
Min Ø	0,8 mm	1,5 mm	2,5 mm																

STQMS ⁽²⁾ / 20 Cross-slotted screws, 20 Hexagon nuts, 20 Lockwashers Ø3 for miniaturized rectangular sensors QM series			
product	suitable for	dimensions (mm)	descriptions / installation
	Various accessories		Sold in lots for 10 sensors ⁽²⁾

⁽¹⁾ Can be used only for cable or pig-tail exit models
⁽²⁾ Components not present in standard sensors packaging

extension ST 86 for BX80	
description	
The kit it is composed from two extensions in nickel-plated brass M18. These extensions allow to install barriers BX80 in substitution to the AX80 without to modify the wiring and the mechanical assembly, in how much through the ST 86 is possible to maintain the alignment optical of the AX80	
