Installation
accessories

ST 82 / Screwdriver

product	suitable for	dimensions (mm)	descriptions / installation
	Sensors with trimmer adjustment		Screwdriver accessory for trimmer adjustment
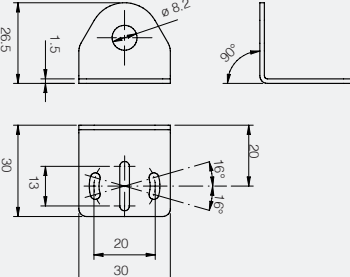
ST 100 / Accessory for testing DC sensors

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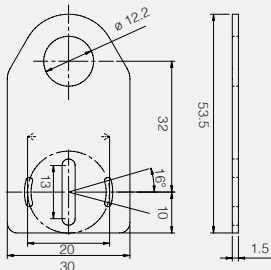
product	suitable for	dimensions (mm)	descriptions / installation
	Accessories suitable for M08 cylindrical sensors		Mounting with M3 screws

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

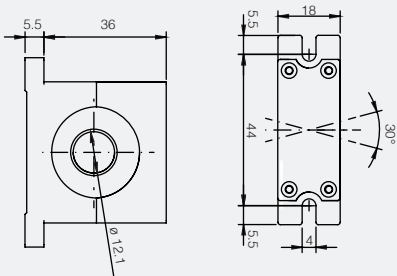| product	suitable for	dimensions (mm)	descriptions / installation
	Accessories suitable for M12 cylindrical sensors		Mounting with M4 screws

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

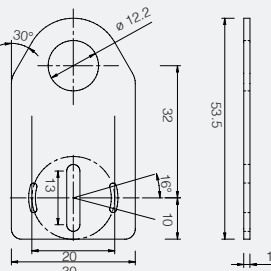## ST 12-C / Metal right angle mount bracket for M12 cylindrical sensors
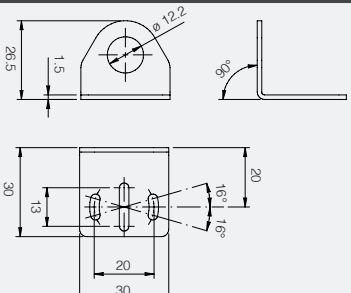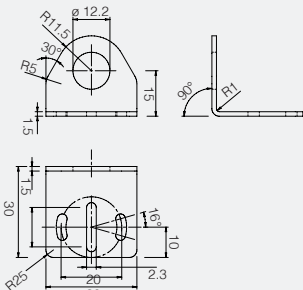
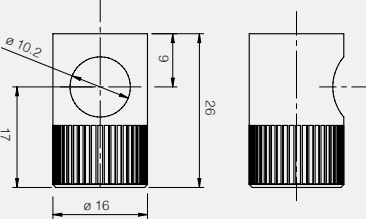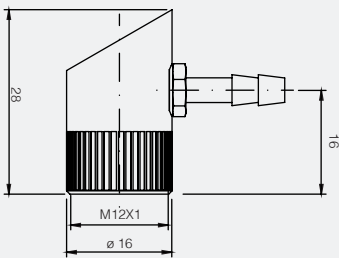| product	suitable for	dimensions (mm)	descriptions / installation
	Accessories suitable for M12 cylindrical sensors		Mounting with M3 screws

installation accessories

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

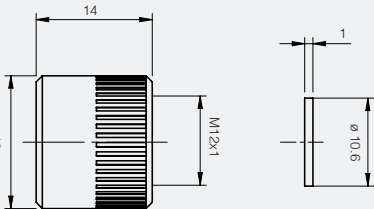| product	suitable for	dimensions (mm)	descriptions / installation
	Accessories suitable for M12 cylindrical sensors		Stainless steel AISI316L (DIN 1.4404) right angle mount bracket for M12 cylindrical sensors. Mounting with M3 screws

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
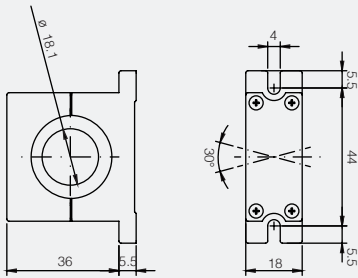
ST 36 / Antidust front for M12 cylindrical photoelectric sensors
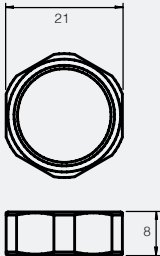
product	suitable for	dimensions (mm)	descriptions / installation
	Accessories suitable for M12 cylindrical photoelectric sensors		Antidust front

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

installation
accessories

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.	ø 18.1 / 4 / 5.5 / 44 / 30° / 36 / 5.5 / 18 / 5.5	Mounting with M4 screws
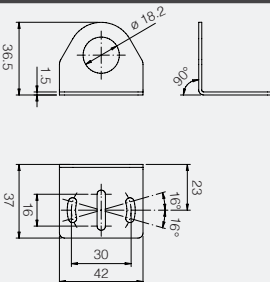
ST 29 / M18 metal ring nuts for mounting of M18 cylindrical sensors on ST 02 swing bracket
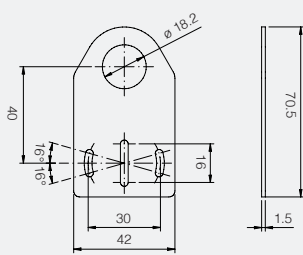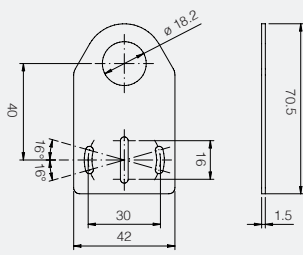
product	suitable for	dimensions (mm)	descriptions / installation
	Accessories suitable for M18 cylindrical sensors	21 / 8	Fixing with spanner of 21 mm

ST 18-A / Metal axial mount bracket for M18 cylindrical sensors

product	suitable for	dimensions (mm)	descriptions / installation
	Accessories suitable for M18 cylindrical sensors	ø 18.2 / 70.5 / 40 / 16°16° / 16 / 30 / 42 / 1.5	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	ø 18.2 / 70.5 / 40 / 16°16° / 16 / 30 / 42 / 1.5	Mounting with M4 screws

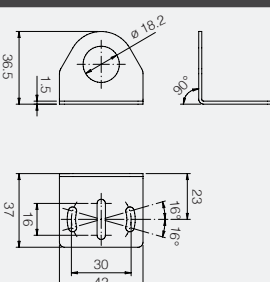| ST 18-C / Metal right angle mount bracket for M18 cylindrical sensors			
product	suitable for	dimensions (mm)	descriptions / installation
	Accessories suitable for M18 cylindrical sensors		Mounting with M4 screws

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

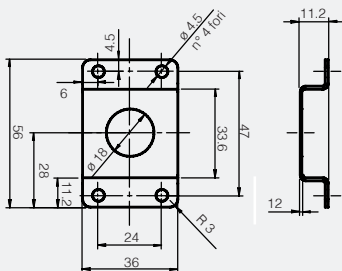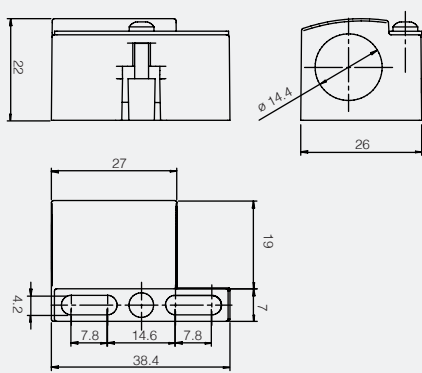| ST 18-V / Metal right angle mount bracket for M18 cylindrical sensors			
product	suitable for	dimensions (mm)	descriptions / installation
	Accessories suitable for M18 cylindrical sensors		Mounting with M4 screws

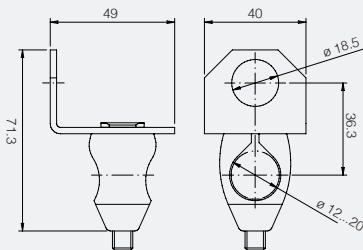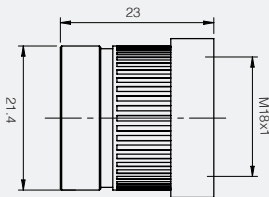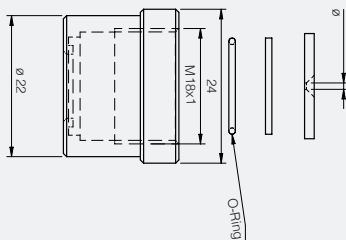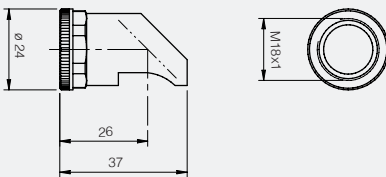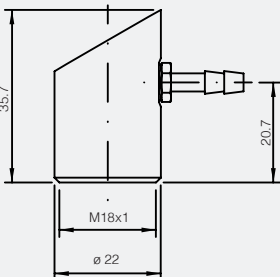| ST 18-S / Stainless steel AISI316L (DIN 1.4404) right angle mount bracket for M18 cylindrical sensors			
product	suitable for	dimensions (mm)	descriptions / installation
	Accessories suitable for M18 cylindrical sensors		Mounting with M4 screws

installation accessories

STC 18 / Mounting bracket for M18 cylindrical sensors

product	suitable for	dimensions (mm)	descriptions / installation
	Accessories suitable for M18 cylindrical sensors	49 40 ø 18.5 71.3 36.3 ø 12...20	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	23 21.4 M18x1	Focal distance for: STF-12 →12 mm STF-25 →25 mm STF-50 →50 mm
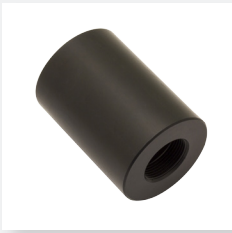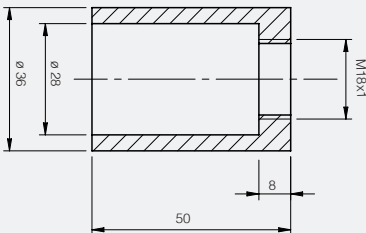
STOS-1 STOS-2 STOS-3 STOS-4 STOS-6 STOS-8 / Shutter for M18 cylindrical photoelectric sensors

product	suitable for	dimensions (mm)	descriptions / installation
	Accessories suitable for M18 cylindrical photoelectric sensors	ø 22 M18x1 24 ø O-Ring	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	ø 24 M18x1 26 37	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

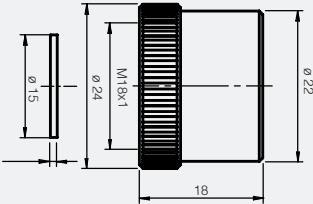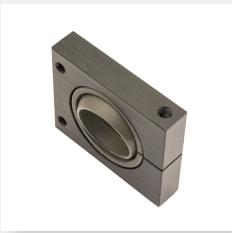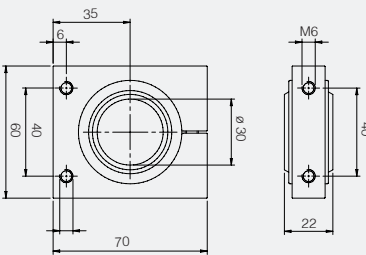## ST 32 / Anti-condensation front for M18 cylindrical photoelectric sensors

product	suitable for	dimensions (mm)	descriptions / installation
	Accessories suitable for M18 cylindrical photoelectric sensors	ø 36 / ø 28 / M18x1 / 8 / 50	Anti-condensation front
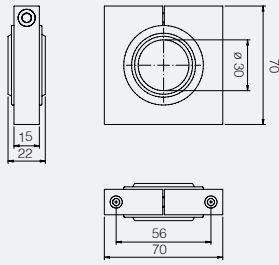
ST 50 / Protective front for M18 cylindrical photoelectric sensors
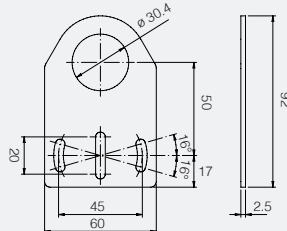
product	suitable for	dimensions (mm)	descriptions / installation
	Accessories suitable for M18 cylindrical photoelectric sensors	ø 15 / M18x1 / ø 24 / ø 22 / 18	Protective front

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 / 60 / 40 / ø 30 / M6 / 40 / 22 / 70	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	ø 30 / 70 / 15 / 22 / 56 / 70	Mounting with M6 screws from upper side

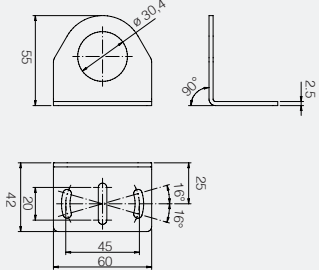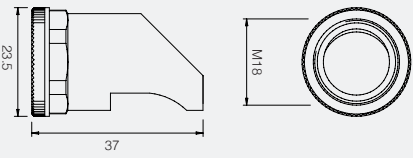| ST 30-A / Metal axial mount bracket for M30 cylindrical sensors			
product	**suitable for**	**dimensions (mm)**	**descriptions / installation**
	Accessories suitable for M30 cylindrical sensors	ø 30.4 / 50 / 92 / 20 / 16° 16° / 17 / 45 / 60 / 2.5	Mounting with M5 screws

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	ø 30.4 / 55 / 90° / 2.5 / 42 / 20 / 16° 16° / 25 / 45 / 60	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	23.5 / M18 / 37	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

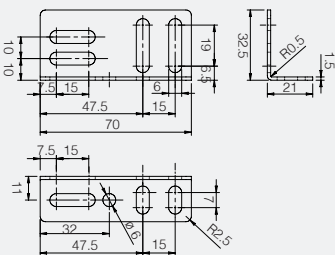| product	suitable for	dimensions (mm)	descriptions / installation
	Accessories suitable for rectangular photoelectric sensors BS - BV series		Mounting with M3 screws

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

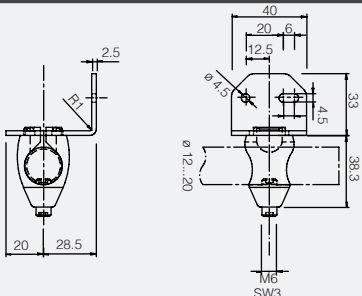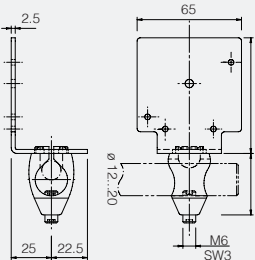| product	suitable for	dimensions (mm)	descriptions / installation
	Accessories suitable for rectangular photoelectric sensors RX series		Mounting with M4 screws

ST 81 / Metal side mount bracket for rectangular photoelectric sensors RX series

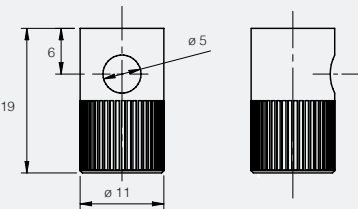| product	suitable for	dimensions (mm)	descriptions / installation
	Accessories suitable for rectangular photoelectric sensors RX series		Mounting with M5 screws

STC 80 / Mounting bracket for rectangular photoelectric sensorsRX–BS–BV–PS series

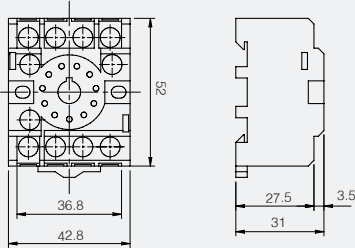| product	suitable for	dimensions (mm)	descriptions / installation
	Accessories suitable for rectangular photoelectric sensors RX - BS - BV - PS series		Mounting bracket

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.

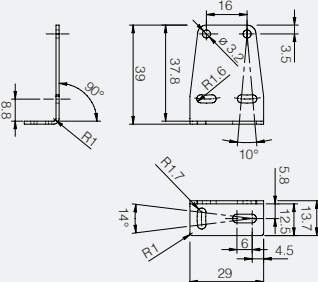## ST 28 / Right angle beam adapter for M7 optical fibres CF/RBA-** and CF/RCA-20 models

product	suitable for	dimensions (mm)	descriptions / installation
	Accessories suitable for optical fibres CF/RBA and CF/RCA		Right angle beam adapter

installation accessories

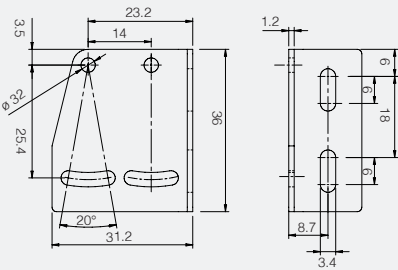## STZ3 / Undecal socket to be used together with UR control unit series

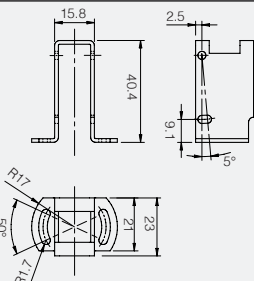| product	suitable for	dimensions (mm)	descriptions / installation
	UR control unit series		Undecal socket

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

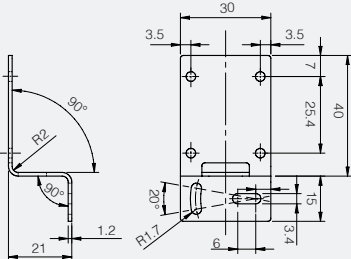| product	suitable for	dimensions (mm)	descriptions / installation
	Various accessories		L shape vertical mounting bracket

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

product	suitable for	dimensions (mm)	descriptions / installation
	Various accessories		• +/- 10° tip • Stainless steel

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

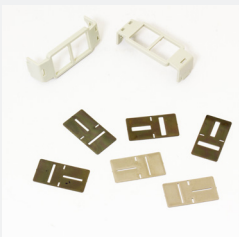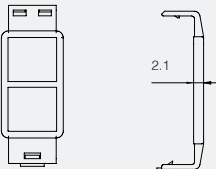| product	suitable for	dimensions (mm)	descriptions / installation
	Various accessories		• +/- 25° swivel • Stainless steel

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 diaphrams (0,5-1-2) for miniaturized rectangular sensors QM series

product	suitable for	dimensions (mm)	descriptions / installation
	Various accessories		Packing units 2

Packing units 2

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