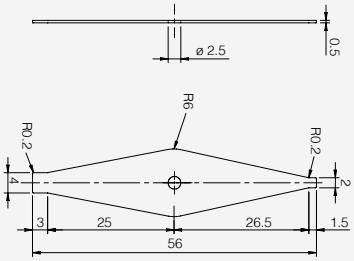
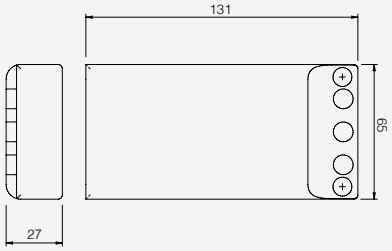


# Installation accessories

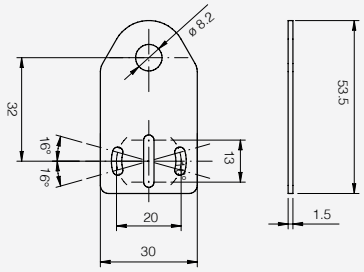
## ST 82 / Screwdriver

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

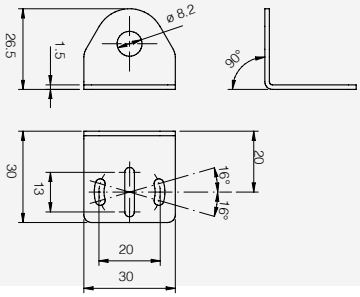
## ST 100 / Accessory for testing DC sensors

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

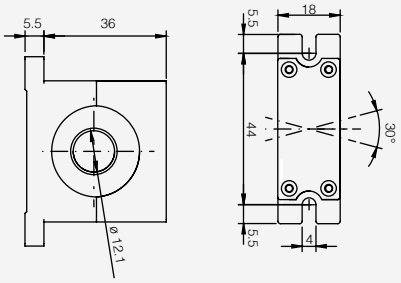
## ST 08-A / Metal axial mount bracket for M08 cylindrical sensors

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

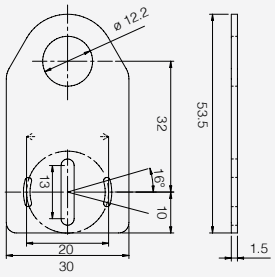
## ST 08-C / Metal right angle mount bracket for M08 cylindrical sensors

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

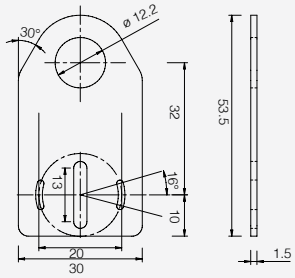
## ST 04/ Plastic swing bracket for M12 cylindrical sensors

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

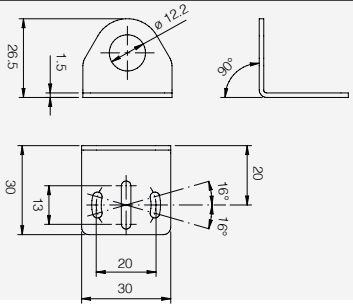
## ST 12-A / Metal axial mount bracket for M12 cylindrical sensors

| product | suitable for | dimensions (mm) | descriptions / installation |
|---|---|---|---|
|  | Accessories suitable for M12 cylindrical sensors |   | Mounting with M3 screws |

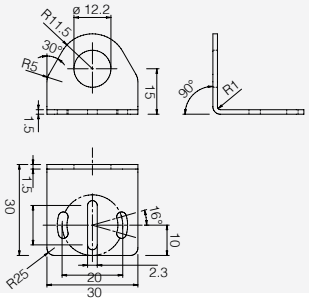
## ST 12-A7W / Stainless steel AISI316L (DIN 1.4404) axial mount bracket for M12 cylindrical sensors

| product | suitable for | dimensions (mm) | descriptions / installation |
|---|---|---|---|
|  | Accessories suitable for M12 cylindrical sensors |   | Mounting with M3 screws |

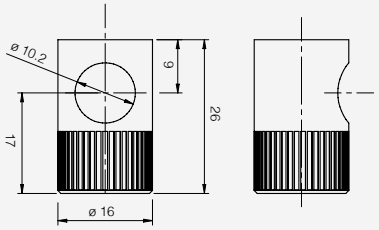
## ST 12-C / Metal right angle mount bracket for M12 cylindrical sensors

| product | suitable for | dimensions (mm) | descriptions / installation |
|---|---|---|---|
|  | Accessories suitable for M12 cylindrical sensors |   | Mounting with M3 screws |

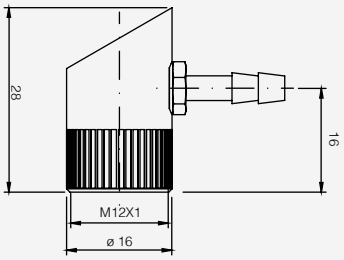
## ST 12-C7W / Stainless steel AISI 316L (DIN 1.4404) right angle mount bracket for M12 cylidrical sensors

| 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 |

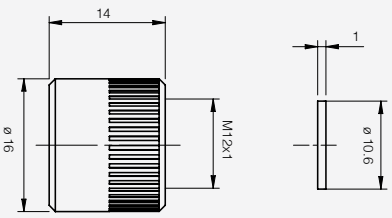
## ST 37 / Right angle beam adapter for M12 cylindrical photoelectric sensors

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

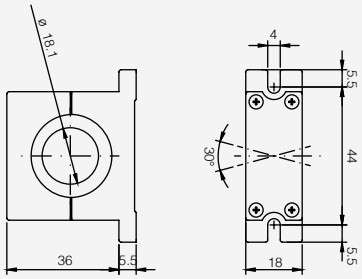
## ST 36 / Antidust front for M12 cylindrical photoelectric sensors

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

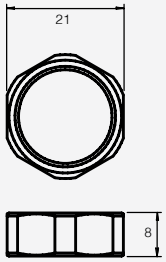
## ST 60 / Protective front for M12 cylindrical photoelectric sensors

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

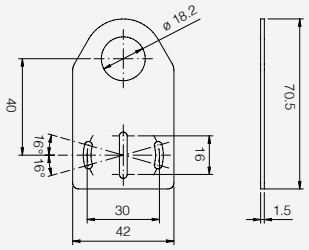
## ST 02 / Plastic swing bracket for M18 cylindrical sensors

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

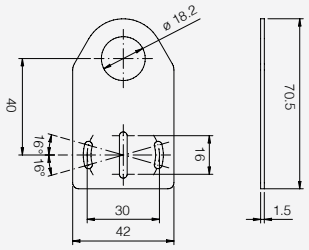
## ST 29 / M18 metal ring nuts for mounting of M18 cylindrical sensors on ST 02 swing bracket

| product | suitable for | dimensions (mm) | descriptions / installation |
|---|---|---|---|
|  | Accessories suitable for M18 cylindrical sensors |   | Fixing with spanner of 21 mm |

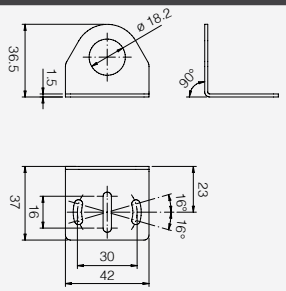
## ST 18-A/ Metal axial mount bracket for M18 cylindrical sensors

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

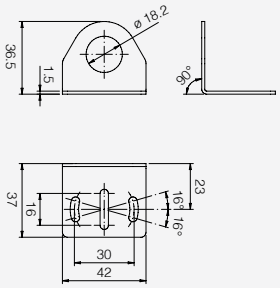
## ST 18-A7W / Stainless steel AISI316L (DIN 1.4404) axial mount bracket for M18 cylindrical sensors

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

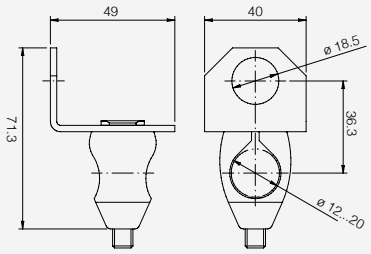
## ST 18-C / Metal right angle mount bracket for M18 cylindrical sensors

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

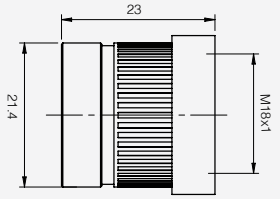
## ST 18-C7W / Stainless steel AISI316L (DIN 1.4404) right angle mount bracket for M18 cylindrical sensors

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

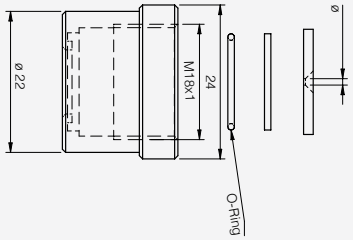
## STC 18 / Mounting bracket for M18 cylindrical sensors

| product | suitable for | dimensions (mm) | descriptions / installation |
|---|---|---|---|
|  | Accessories suitable for M18 cylindrical sensors |   | Metal right angle mount bracket |

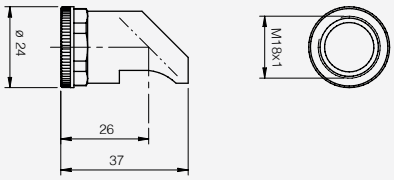
## STF-12 STF-25 STF-50 / Focusing device for M18 cylindrical photoelectric sensors SAT – LDLU – LTB – SST – MST series

| product | suitable for | dimensions (mm) | descriptions / installation |
|---|---|---|---|
|  | Accessories suitable for M18 cylindrical photoelectric sensors |   | Focal distance for:<br>STF-12 →12 mm<br>STF-25 →25 mm<br>STF-50 →50 mm |

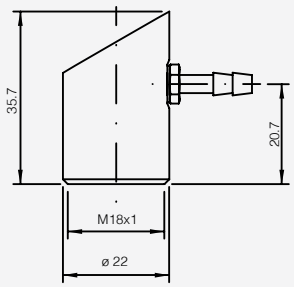
## STOS-1 STOS-2 STOS-3 STOS-4 STOS-6 STOS-8 / Shutter for M18 cylindrical photoelectric sensors

| product | suitable for | dimensions (mm) | descriptions / installation |
|---|---|---|---|
|  | Accessories suitable for M18 cylindrical photoelectric sensors |   | Shutter |

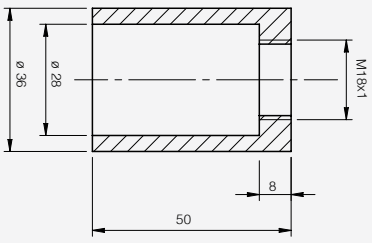
## ST 03 / Right angle beam adapter for M18 cylindrical photoelectric sensors

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

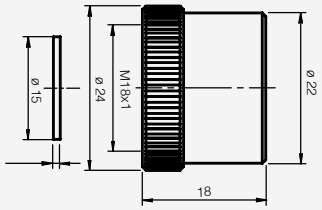
## ST 30 / Antidust front for M18 cylindrical photoelectric sensors

| product | suitable for | dimensions (mm) | descriptions / installation |
|---|---|---|---|
|  | Accessories suitable for M18 cylindrical photoelectric sensors |   | Antidust front |

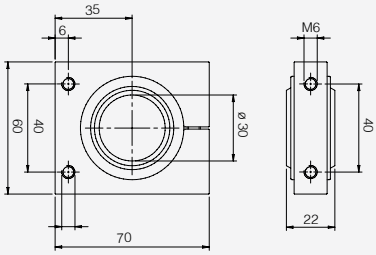
## ST 32 / Anti-condensation front for M18 cylindrical photoelectric sensors

| product | suitable for | dimensions (mm) | descriptions / installation |
|---|---|---|---|
|  | Accessories suitable for M18 cylindrical photoelectric sensors |   | Anti-condensation front |

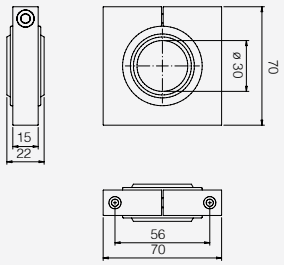
## ST 50 / Protective front for M18 cylindrical photoelectric sensors

| product | suitable for | dimensions (mm) | descriptions / installation |
|---|---|---|---|
|  | Accessories suitable for M18 cylindrical photoelectric sensors |   | Protective front |

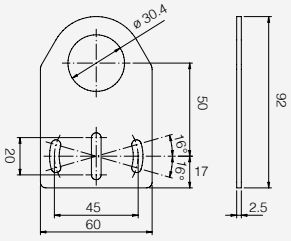
## ST 13 / Metal swing bracket with threaded holes for M30 cylindrical sensors

| product | suitable for | dimensions (mm) | descriptions / installation |
|---|---|---|---|
|  | Accessories suitable for M30 cylindrical sensors |   | Mounting with M6 screws from beneath the surface or through the wall |

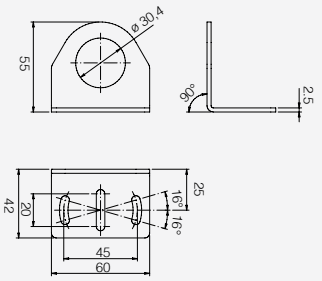
## ST 14 / Metal swing bracket with threaded holes for M30 cylindrical sensors

| product | suitable for | dimensions (mm) | descriptions / installation |
|---|---|---|---|
|  | Accessories suitable for M30 cylindrical sensors |   | Mounting with M6 screws from upper side |

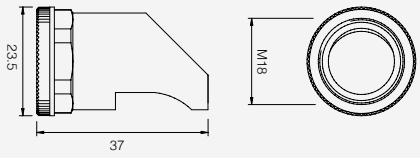
## ST 30-A / Metal axial mount bracket for M30 cylindrical sensors

| product | suitable for | dimensions (mm) | descriptions / installation |
|---|---|---|---|
|  | Accessories suitable for M30 cylindrical sensors |   | Mounting with M5 screws |

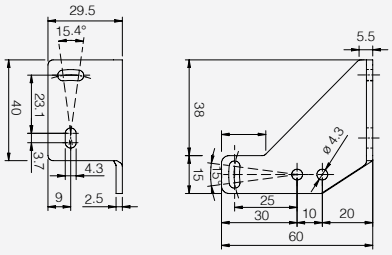
## ST 30-C/ Metal right angle mount bracket for M30 cylindrical sensors

| product | suitable for | dimensions (mm) | descriptions / installation |
|---|---|---|---|
|  | Accessories suitable for M30 cylindrical sensors |   | Mounting with M5 screws |

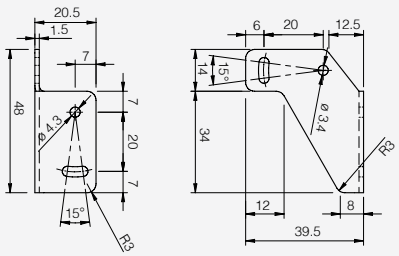
## ST 03-U / Beam deflector for M18 ultrasonic cylindrical sensors

| product | suitable for | dimensions (mm) | descriptions / installation |
|---|---|---|---|
|  | Accessories suitable for M18 ultrasonic cylindrical sensors |   | Plastic beam deflector |

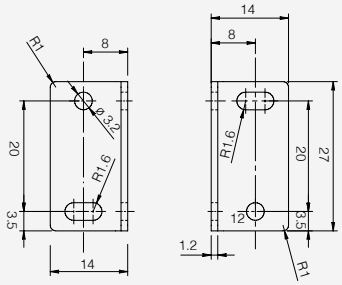
## ST 01 / Metal mount bracket for rectangular photoelectric sensors BS - BV series

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

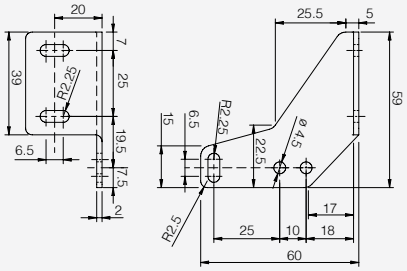
## ST 07 / Metal mount bracket for rectangular photoelectric sensors PS - FS1 series

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

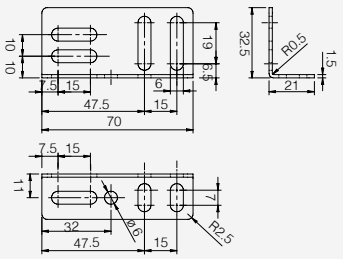
## ST 70 / Metal mount bracket for rectangular photoelectric sensors BS - BV series

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

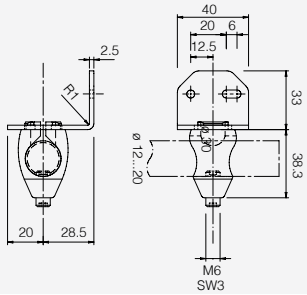
## ST 80 / Metal top mount bracket for rectangular photoelectric sensors RX series

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

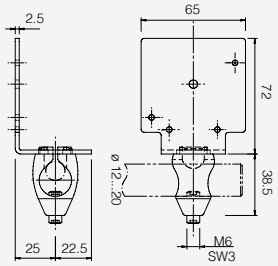
## ST 81 / Metal side mount bracket for rectangular photoelectric sensors RX series

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

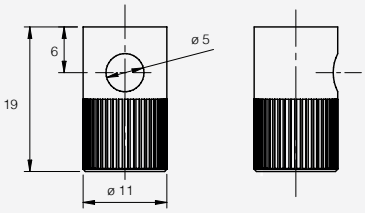
## STC 80 / Mounting bracket for rectangular photoelectric sensorsRX–BS–BV–PS series

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

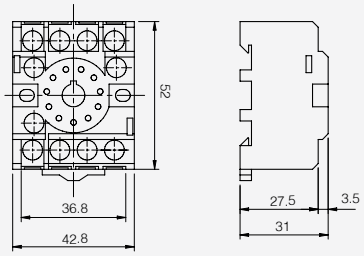
## STC 00/ Mounting bracket for retro-reflective

| 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;<br>• Fix the reflector RL 116 to the holes 2 using two M3 screws and nuts;<br>• Fix the reflector RL 113G to the holes 3 using two M3 screws and nuts.<br>The screws and the nuts are included. |

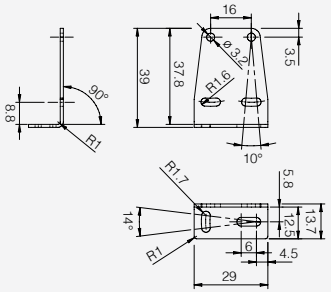
## ST 28 / Right angle beam adapter for M7 optical fibres CF/RBA-** and CF/RCA-20 models

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

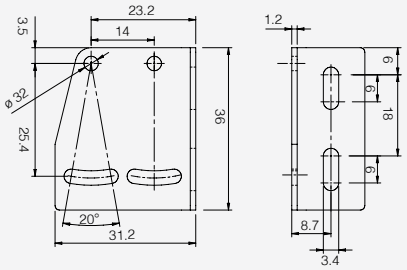
## STZ3 / Undecal socket to be used together with UR control unit series

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

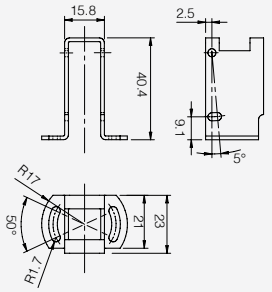
## ST 101 / L shape vertical mounting bracket for miniaturized rectangular sensors QM series

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

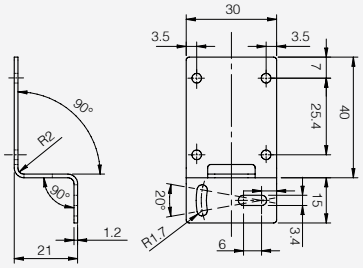
## ST 102 / L shape side mounting bracket for miniaturized rectangular sensors QM series

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

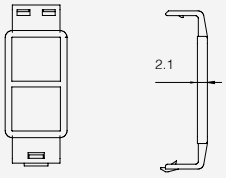
## ST 103 [1] / Vertical mounting bracket with protective cover for miniaturized rectangular sensors QM series

| product | suitable for | dimensions (mm) | descriptions / installation |
|---|---|---|---|
|  | Various accessories |  | • +/- 25° swivel<br>• 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<br>• 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<br>dia. \| 0,5 \| 1 \| 2<br>Sn (EG=1) \| 1,5 m \| 2m \| 4,5 m<br>Sn (EG=2) \| 1 m \| 1,5 m \| 4 m<br>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 |

