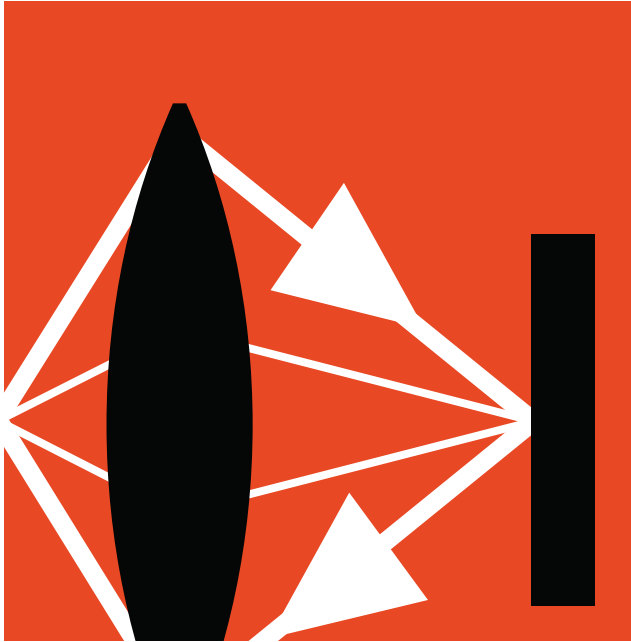
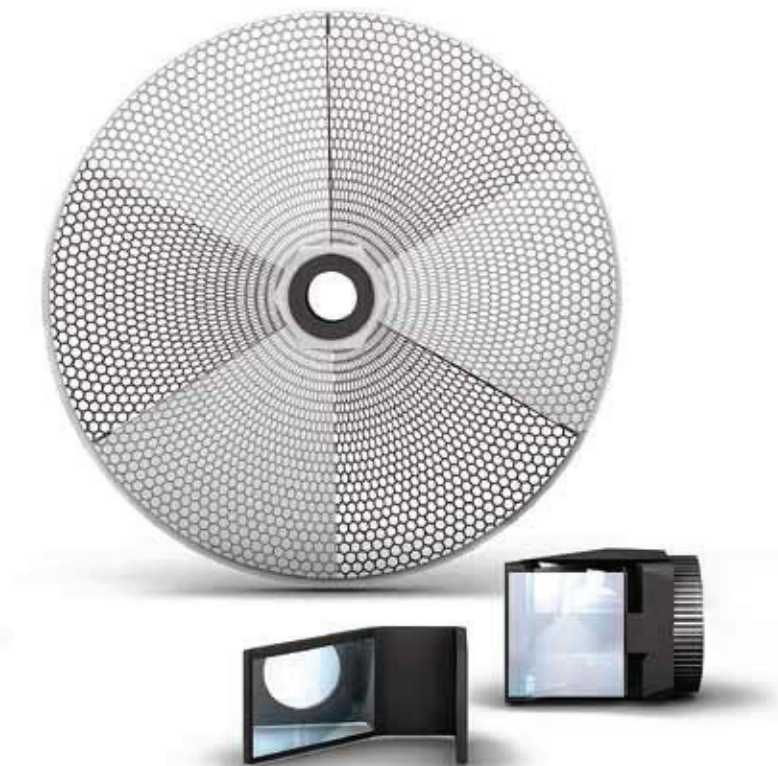




Photoelectric Sensors

Accessories for photoelectric sensors

Complete optical accessories – from mounting brackets, reflectors, lenses and holding systems etc. for standard applications and applications under more difficult ambient conditions.



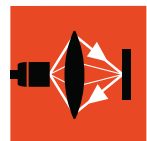


Accessories for Photoelectric Sensors

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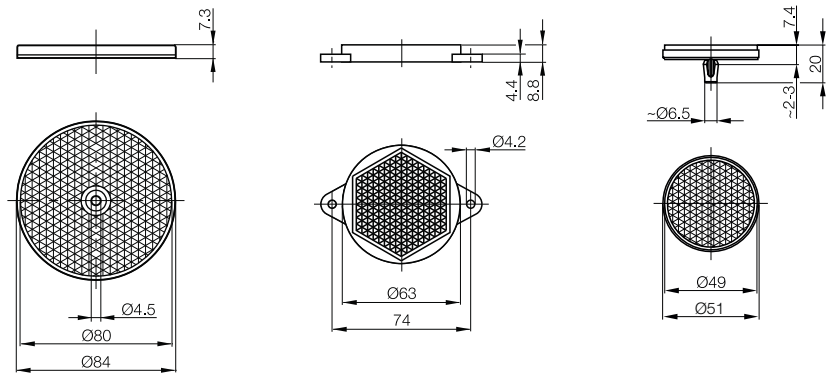
Basic information
and definitions
can be found
on **page 934**.

Accessories for Photoelectric Sensors

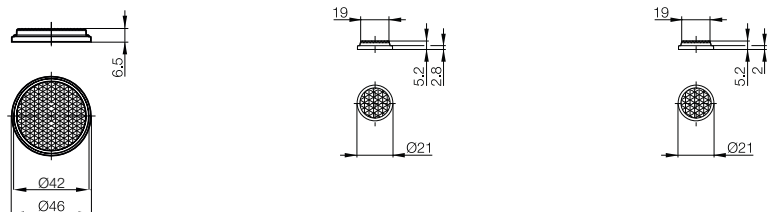
Round reflectors



Size	Reflector Ø 84 mm	Reflector Ø 62 mm	Reflector Ø 51 mm
Fasteners	M4 screw	Two M4 screws	Rivet with mounting tabs
Ordering code	BAM00UK	BAM0126	BAM00UP
Part number	BOS R-1	BOS R-10	BOS R-14
Material	PMMA/ABS	PMMA/ABS	PC
Triple size	4 mm	4 mm	4 mm
Mounting accessories	BOS 21-AD-1		
Special features			More chemical resistant
Temperature range	-20...+60 °C	-20...+60 °C	0...+100 °C



Size	Reflector Ø 46 mm	Reflector Ø 21 mm	Reflector Ø 21 mm
Fasteners	Glue	Glue	Glue
Ordering code	BAM00UW	BAM00W4	BAM00UR
Part number	BOS R-2	BOS R-3	BOS R-15
Material	PMMA/ABS	PMMA/ABS	PC
Triple size	2.5 mm	2 mm	2 mm
Special features			More chemical resistant
Temperature range	-20...+60 °C	-20...+60 °C	-20...+99 °C



Accessories for Photoelectric Sensors

Block-shaped reflectors



Photoelectric Sensors

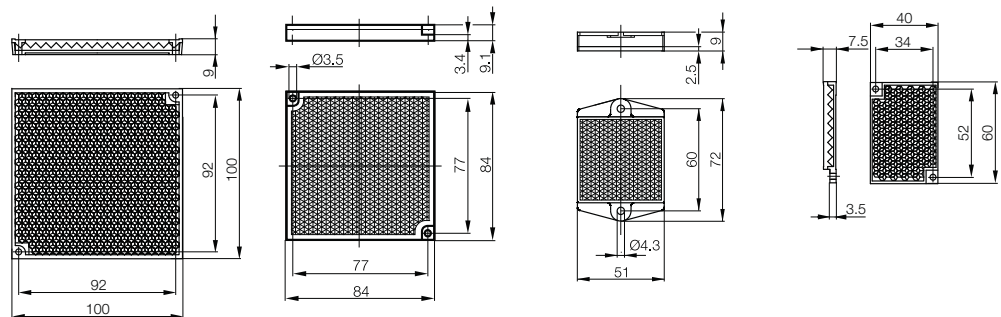
Photoelectric Sensors

Photoelectric Sensors with Special Properties

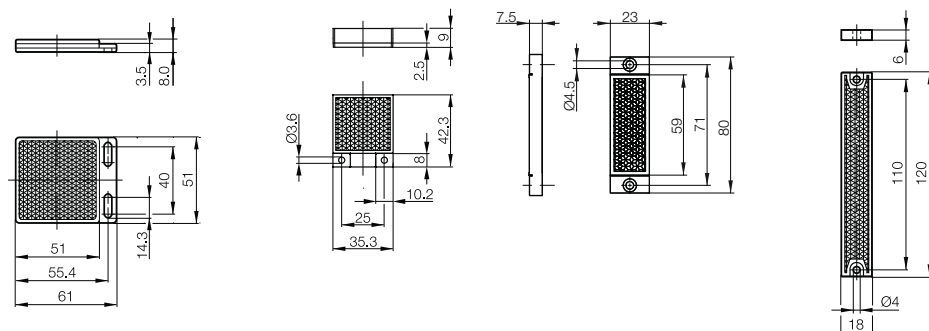
Photoelectric Distance Sensors for Analog Distance Measurement

Accessories for Photoelectric Sensors
Reflectors
Sensor Accessories
Fasteners

Size	Reflector 100×100 mm	Reflector 84×84 mm	Reflector 51×72 mm	Reflector 60×40 mm
Fasteners	Two M3 screws	Two M3 screws	Two M4 screws	Two M3 screws
Ordering code	BAM01JN	BAM00UL	BAM00UZ	BAM01JP
Part number	BOS R-47	BOS R-11	BOS R-25	BOS R-46
Material	PMMA/ABS	PMMA/ABS	PMMA	PMMA/ABS
Triple size	4 mm	4 mm	4 mm	4 mm
Temperature range	-20...+60 °C	-20...+60 °C	0...+50 °C	-20...+60 °C



Size	Reflector 51×61 mm	Reflector 35×42 mm	Reflector 23×80 mm	Reflector 18×120 mm
Fasteners	Two M4 screws	Two M3 screws	Two M4 screws	Two M4 screws
Ordering code	BAM00WL	BAM00W0	BAM01LA	BAM00WA
Part number	BOS R-9	BOS R-26	BOS R-48	BOS R-5
Material	PMMA/ABS	PMMA	PMMA/ABS	PMMA/ABS
Triple size	4 mm	4 mm	4 mm	4 mm
Mounting accessories		BOS 5-HW-5		
Temperature range	-20...+60 °C	0...+50 °C	-20...+60 °C	-20...+60 °C

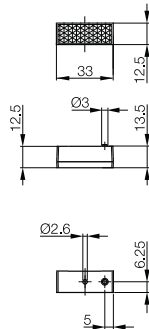
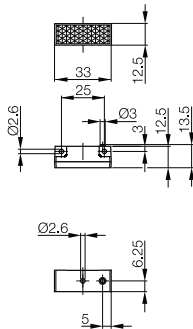
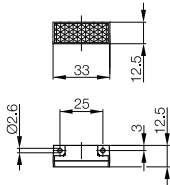


Accessories for Photoelectric Sensors

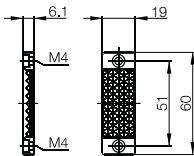
Block-shaped reflectors



Size	Reflector 33×12 mm	Reflector 33×12 mm	Reflector 33×12 mm
Fasteners	Side screws	Rear and side screws	Rear screws
Ordering code	BAM00W3	BAM00W1	BAM00W2
Part number	BOS R-29	BOS R-27	BOS R-28
Material	PMMA	PMMA	PMMA
Triple size	2.3 mm	2.3 mm	2.3 mm
Mounting accessories	BOS 5-HW-1/2	BOS 5-HW-1/2	
Temperature range	0...+50 °C	0...+50 °C	0...+50 °C

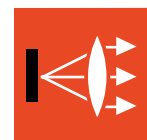


Size	Reflector 18×60 mm		
Fasteners	Two M4 screws		
Ordering code	BAM00W7		
Part number	BOS R-33		
Material	PMMA/ABS		
Triple size	4 mm		
Temperature range	-20...+60 °C		



Accessories for Photoelectric Sensors

Reflectors for special applications



Photoelectric
Sensors

Photoelectric
Sensors

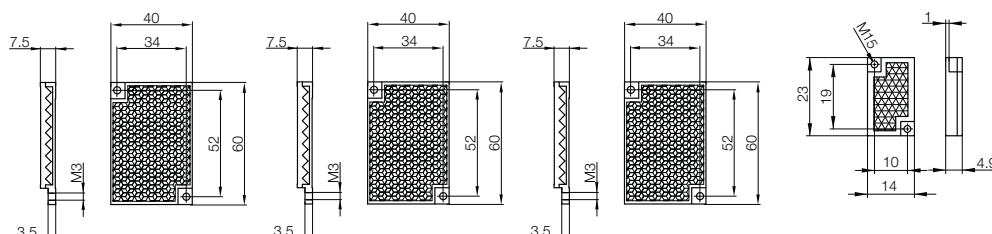
Photoelectric
Sensors with
Special Proper-
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Photoelectric
Distance
Sensors
for Analog
Distance
Measurement

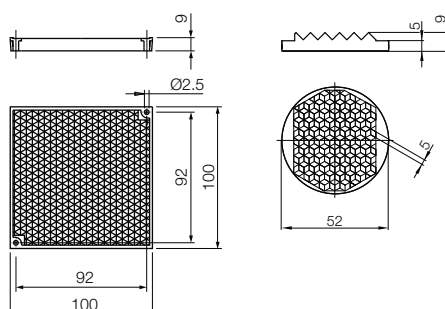
Accessories for
Photoelectric
Sensors

Reflectors
Sensor
Accessories
Fasteners

Size	Reflector 60×40 mm	Reflector 60×40 mm	Reflector 60×40 mm	Reflector 14×23 mm
Fasteners	Two M3 screws	Two M3 screws	Two M3 screws	Two M1.5 screws
Ordering code	BAM00W8	BAM01CM	BAM01HE	BAM01NH
Part number	BOS R-34	BOS R-36	BOS R-44	BOS R-49
Material	Hot thermoplastic	PMMA/ABS	Solidchem	Hot thermoplastic
Triple size	4 mm	4 mm	4 mm	0.9 mm
Special features	Heat-resistant	Anti-fogging	Chemical-resistant	Heat-resistant; For laser applications
Temperature range	-20...+150 °C	-20...+60 °C	-20...+140 °C	-20...+110 °C



Size	Cubic corner 100×100 mm	Reflector Ø 52 mm		
Fasteners	Screw M3	Clamps		
Ordering code	BAM01CN	BAM01H6		
Part number	BOS R-37	BOS R-31		
Material	PC	Borosilicate		
Triple size	4 mm	4 mm		
Special features		Glass reflector		
Temperature range	-20...+100 °C	-20...+500 °C		

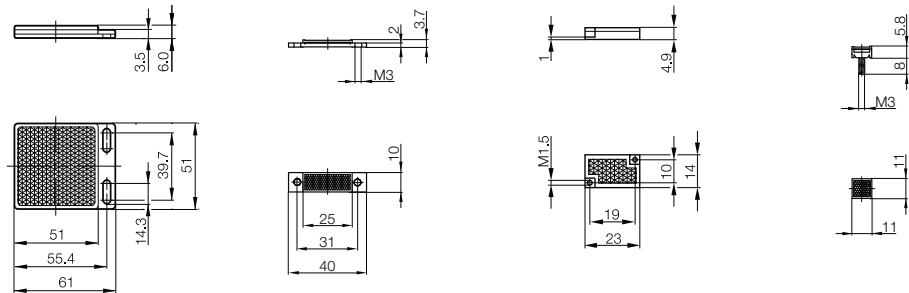


Accessories for Photoelectric Sensors

Reflectors for laser retroreflective light sensors



Size	Reflector 51×62 mm	Reflector 40×10 mm	Reflector 14×23 mm	Reflector 11×11 mm	
Fasteners	Two M4 screws	Two M3 screws	Two M1.5 screws	M3 screw	
Ordering code	BAM00UY	BAM01H9	BAM00UM	BAM01H8	
Part number	BOS R-22	BOS R-41	BOS R-12	BOS R-39	
Material	PMMA/ABS	PMMA/ABS	PMMA/ABS	PMMA/ABS	
Triple size	1.2 mm	1.2 mm	0.9 mm	0.9 mm	
Mounting accessories	BOS 5-HW-6				
Temperature range	-20...+60 °C	-20...+60 °C	-20...+60 °C	-20...+60 °C	



Accessories for Photoelectric Sensors

Reflectors for laser retroreflective light sensors



Photoelectric Sensors

Photoelectric Sensors

Photoelectric Sensors with Special Properties

Photoelectric Distance Sensors for Analog Distance Measurement

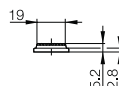
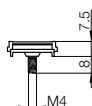
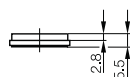
Accessories for Photoelectric Sensors

Reflectors

Sensor Accessories
Fasteners



Reflector Ø 25 mm	Reflector Ø 25 mm	Reflector Ø 21 mm	Reflector Ø 19 mm	Reflector Ø 10 mm
Glue	M4 screw	Glue	M3 screw	M3 screw
BAM00UN	BAM01HC	BAM00UT	BAM01HA	BAM01H7
BOS R-13	BOS R-43	BOS R-16	BOS R-42	BOS R-38
PMMA/ABS	PMMA/ABS	PMMA/ABS	PMMA/ABS	PMMA/ABS
1.2 mm	1.2 mm	1.2 mm	0.9 mm	0.9 mm
-20...+60 °C	-20...+60 °C	-20...+60 °C	-20...+60 °C	-20...+60 °C

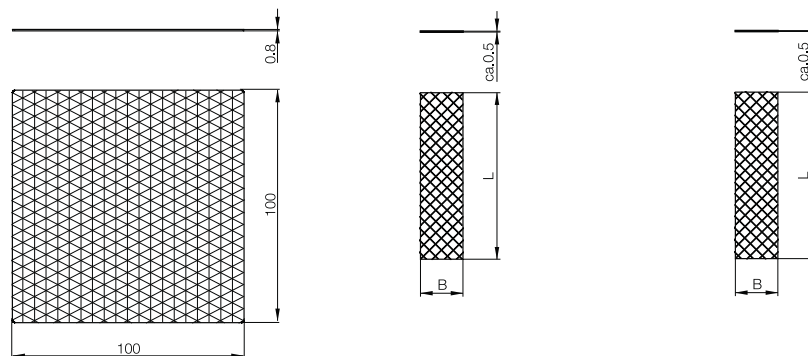


Accessories for Photoelectric Sensors

Reflective foils



Description	Reflective foils (standard)	Reflective foils (standard)	Reflective foils (standard) (not for polarized light)	
Fasteners	Self-adhesive	Self-adhesive	Self-adhesive	
50 mm × 45 m	Ordering code		BAM00WE	
	Part number		BOS R-6-45	
50 mm × 22 m	Ordering code	BAM00WH		
	Part number	BOS R-7-22		
25 mm × 22 m	Ordering code	BAM00WK		
	Part number	BOS R-8-22		
50 mm × 25 cm	Ordering code	BAM00WF	BAM00WC	
	Part number	BOS R-7-0,25	BOS R-6-0,25	
25 mm × 25 cm	Ordering code	BAM00WJ		
	Part number	BOS R-8-0,25		
300 × 200 mm	Ordering code			
	Part number			
200 × 200 mm	Ordering code		BAM00W9	
	Part number		BOS R-35	
100 × 100 mm	Ordering code	BAM01JM		
	Part number	BOS R-50		
90 × 50 mm	Ordering code	BAM00W6		
	Part number	BOS R-32-0,40		
100 × 50 mm	Ordering code			
	Part number			
40 × 35 mm	Ordering code			
	Part number			
Material	PMMA	PMMA	PMMA	
Special features			Not for polarized light	
Temperature range	-20...+60 °C	-20...+60 °C	-20...+60 °C	





Photoelectric Sensors

Photoelectric Sensors with Special Properties

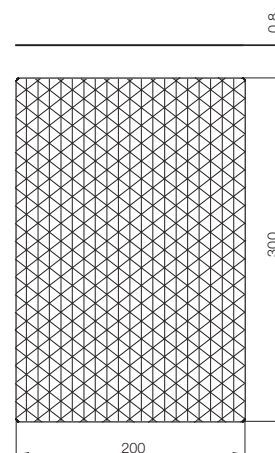
Photoelectric Distance Sensors for Analog Distance Measurement

Accessories for Photoelectric Sensors

Reflectors

Sensor
Accessories
Fasteners

	Reflective tape	Reflective tape	Reflective tape
	Self-adhesive	Self-adhesive	Self-adhesive
			BAM01HF
			BOS R-45
		BAM01CF	
		BAM R-40	
	BAM00W5		
	BOS R-30 (standard)		
	PMMA	PMMA	PMMA
		Special for laser sensors	Standard and laser sensors for large surfaces
	-20...+60 °C	-20...+60 °C	-20...+60 °C



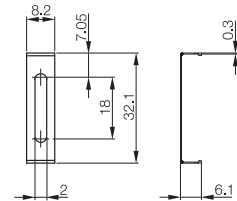
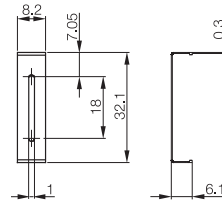
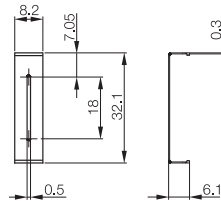
Accessories for Photoelectric Sensors

Slit apertures

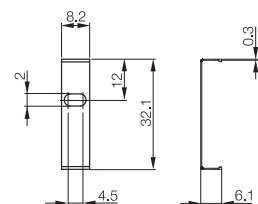
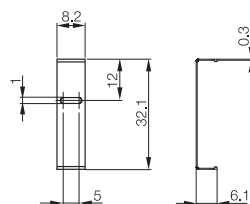
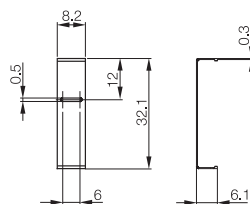


Description	Vertical slit aperture	Vertical slit aperture	Vertical slit aperture
Use	For BOS 5K through-beam sensors	For BOS 5K through-beam sensors	For BOS 5K through-beam sensors
Ordering code	BAM00TU	BAM00TW	BAM00TY
Part number	BOS 5-BL-1	BOS 5-BL-2	BOS 5-BL-3
Aperture size	0.5 mm, vertical	1 mm, vertical	2 mm, vertical
Range*	1.0 (2.5 m)	1.5 (3.5 m)	3.5 (6 m)
Min. object*	0.5 (7 mm)	1.0 (7 mm)	2.0 (7 mm)
Packaging unit	2 pcs.	2 pcs.	2 pcs.

*Values in brackets apply to slit apertures on one side

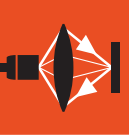


Description	Horizontal slit aperture	Horizontal slit aperture	Horizontal slit aperture
Use	For BOS 5K through-beam sensors	For BOS 5K through-beam sensors	For BOS 5K through-beam sensors
Ordering code	BAM00TZ	BAM00U0	BAM00U1
Part number	BOS 5-BL-4	BOS 5-BL-5	BOS 5-BL-6
Aperture size	0.5 mm horizontal	1 mm horizontal	2 mm horizontal
Range	0.7 (2 m)	1.5 (3 m)	3.0 (5.5 m)
Min. object	0.4 (7 mm)	0.7 (7 mm)	1.5 (7 mm)
Packaging unit	2 pcs.	2 pcs.	2 pcs.



Accessories for Photoelectric Sensors

Aperture diaphragms, weld protection



Photoelectric
Sensors

Photoelectric
Sensors

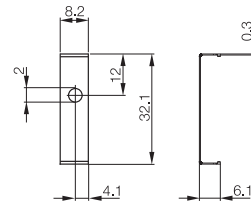
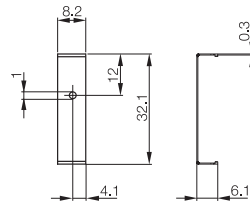
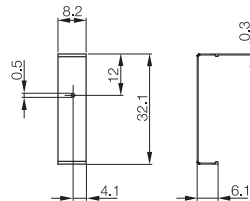
Photoelectric
Sensors with
Special Proper-
ties

Photoelectric
Distance
Sensors
for Analog
Distance
Measurement

Accessories for
Photoelectric
Sensors
Reflectors
Sensor
Accessories
Fasteners



Description	Round aperture		
Use	For BOS 5K through-beam sensors	For BOS 5K through-beam sensors	For BOS 5K through-beam sensors
Ordering code	BAM00U2	BAM00U3	BAM00U4
Part number	BOS 5-BL-7	BOS 5-BL-8	BOS 5-BL-9
Aperture size	0.5 mm Ø	1 mm Ø	2 mm Ø
Range	0.08 (0.8 m)	0.3 (1.5 m)	1.2 (2.5 m)
Min. object	0.3 (5 mm)	0.6 (5 mm)	1.5 (7 mm)
Packaging unit	2 pcs.	2 pcs.	2 pcs.

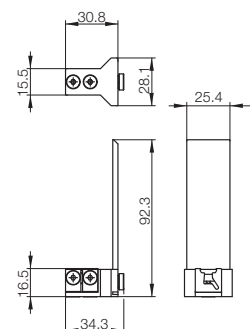
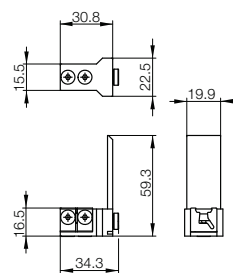


Sensor not
included in the
standard scope
of delivery!



Sensor not
included in the
standard scope
of delivery!

Description	Weld protection		
Use	For BOS 23K	For BOS 50K	
Ordering code	BAM01L8	BAM01U6	
Part number	BAM PC-XO-006-23K-1	BAM PC-XO-006-50K-1	



**Spare glass panes for weld protec-
tion BAM01L8 and BAM01U6**

Ordering code	BAM01YL	BAM01YM
Part number	BAM PC-XO-006-23K-G/RK	BAM PC-XO-006-50K-G/RK

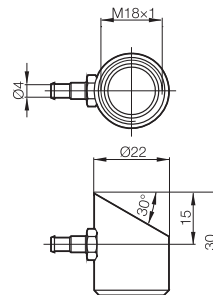
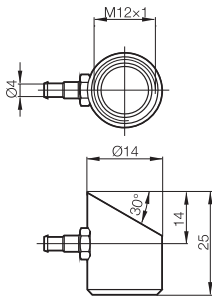
Accessories for Photoelectric Sensors

Air shield



Description		Air shield	Air shield
Use		For BOS 12 and tube with 4 mm inner diameter	For BOS 18 and tube with 4 mm inner diameter
Focal length/focus			
Ordering code		BAM00PY	BAM00R9
Part number		BOS 12-LT-1	BOS 18-LT-1
Material	Lens	Glass	Glass
	Mount	Al	Al

The air shield with a compressed air source prevents premature contamination of the optics.



Description		Air blow
Type		For clamping cylinders
Use		For blowing clear sensors and reflectors (minimum pressure 8 bar)
Ordering code		BAM0041
Part number		BMS CZ-M-D12-I-001
Material		Anodized aluminum

Accessories for Photoelectric Sensors

Lenses, intermediate ring



Photoelectric Sensors

Photoelectric Sensors

Photoelectric Sensors with Special Properties

Photoelectric Distance Sensors for Analog Distance Measurement

Accessories for Photoelectric Sensors

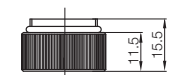
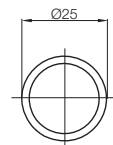
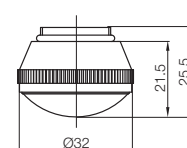
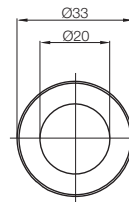
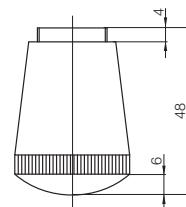
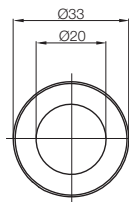
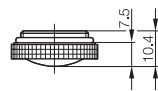
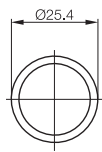
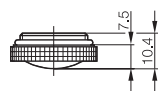
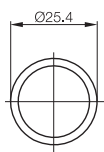
Reflectors

Sensor Accessories

Fasteners



Lens	Lens	Lens	Lens	Intermediate ring
For BKT 67 for increasing the sensing range (light spot 2×7 mm)	For BKT 67 standard lenses (light spot 1.5×4 mm)	For BKT 67 for increasing the sensing range (light spot 2×8 mm)	For BKT 67 for increasing the sensing range (light spot 2.5×11 mm)	Intermediate ring with lens for increased resolution for BKT 67 in combination with M-PK-2. It is screwed in between the sensor and the 9 mm lens.
18 mm	9 mm	28 mm	50 mm	
BAM0120	BAM0121	BAM0122	BAM00P3	BAM00P2
BKT M-PK-1	BKT M-PK-2	BKT M-PK-3	BKT M-PK-5	BKT M-PK-4
Glass	Glass	Glass	Glass	Glass
Al	Al	Al	Al	Al

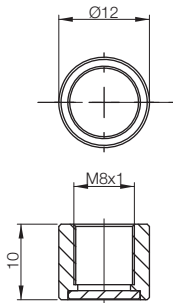


Accessories for Photoelectric Sensors

Protective nuts



Description		M8 protective end cap	M12 protective end cap	
Use		For BOS 08	For BOS 12	
Ordering code		BAM01Y5	BAM01Y6	
Part number		BAM PC-X0-005-08M-4	BOS PC-X0-005-12M-4	
Material	Mount	Stainless steel	Stainless steel	
	Disk	Glass	Glass	



The protective end cap (cap nut) is made with tempered glass and can be used with all M12 photoelectric sensors. The protective glass is used to protect the optics from mechanical or thermal damage, such as weld spatter.

Accessories for Photoelectric Sensors

Protective nuts



Photoelectric
Sensors

Photoelectric
Sensors

Photoelectric
Sensors with
Special Proper-
ties

Photoelectric
Distance
Sensors
for Analog
Distance
Measurement

Accessories for
Photoelectric
Sensors

Reflectors

Sensor
Accessories
Fasteners



M18 protective end cap

For BOS 18 with flat front surface

BAM01NC

BAM PC-XO-005-18M-4

Stainless steel

Glass

Cover nut

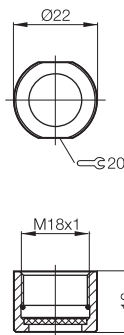
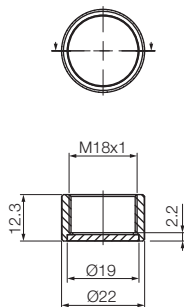
For BOS 18

BAM00RL

BOS 18-SM-1

POM

Glass



The protective cap can be used in combination with all BOS 18M and BOS 18K sensors. It protects the sensor optics from external effects, such as welding spatter. For increased protection, the BOS 18-SM-2 is made of metal, providing even better protection for the sensor optics. The heat-protecting glass closes off flush with the front surface of the cover nut. This prevents dust deposits from forming, which can impact the range.

A ring between the sensor and protective glass makes sure the system is sealed.

The protective end cap is made with tempered glass and can be used with all M18 photoelectric sensors.

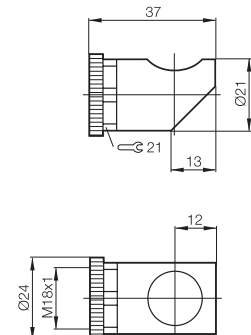
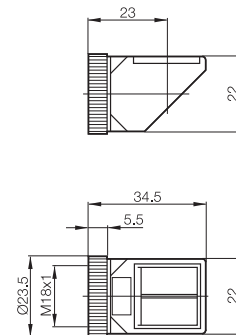
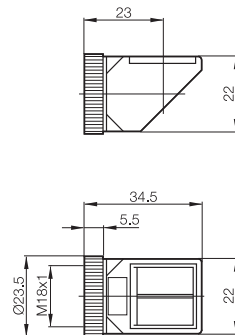
The protective glass is used to protect the optics from mechanical or thermal damage, such as weld spatter.

Accessories for Photoelectric Sensors

Deflection heads



Description	90° deflection head	90° deflection head	90° deflection head	
Use	For diffuse, retroreflective and through-beam sensors BOS 18 (except laser)	For diffuse, retroreflective and through-beam sensors BOS 18 (except laser)	For diffuse, retroreflective and through-beam sensors BOS 18	
Ordering code	BAM00RP	BAM00RT	BAM00RR	
Part number	BOS 18-UK-1	BOS 18-UK-2	BOS 18-UK-10	

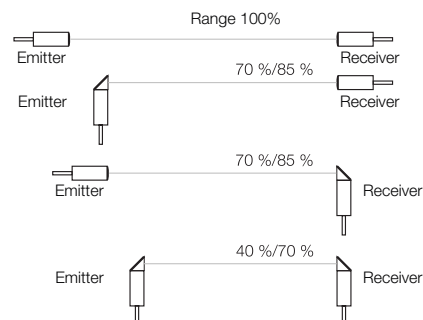


	BOS 18-UK-1	BOS 18-UK-2	BOS 18-UK-10
Diffuse sensor			
BOS 18...-XA-...100 mm	RF = 45 %		RF = 50 %
BOS 18...-XB-...200 mm	RF = 25 %		RF = 50 %
BOS 18...-PB-...200 mm	RF = 25 %		RF = 50 %
BOS 18...-XD-...400 mm		RF = 25 %	RF = 30 %
BOS 18...-PD-...400 mm		RF = 25 %	RF = 30 %
Retroreflective sensor			
BOS 18...-RB-...2 m		RF = 20 %	RF = 20 %
BOS 18...-RD-...4 m		RF = 20 %	RF = 20 %
Through-beam sensor			
BLE 18...-P-...16 m		RF = 15 %	RF = 30 %
BLS 18...-XX-...16 m		RF = 15 %	RF = 30 %

Deflection heads, suitable combinations

All BOS 18 photoelectric sensors can be equipped with a 90° deflection head.

The table shows the appropriate deflection head for each switch type and indicates the corresponding reduction factor (RF) to apply to the range. With a through-beam sensor, the emitter and the receiver can be equipped with a 90° deflection head. Each deflection head reduces the range by approx. 15% ... 50%.





Accessories for Photoelectric Sensors

Diagonal mirrors, deflector



Photoelectric
Sensors

Photoelectric
Sensors

Photoelectric
Sensors with
Special Proper-
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Photoelectric
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Sensors
for Analog
Distance
Measurement

Accessories for
Photoelectric
Sensors

Reflectors

Sensor
Accessories
Fasteners



Diagonal mirror

For diffuse and through-beam
sensors BOS 12

BAM00R0

BOS 12-WS-1



Diagonal mirror

For laser through-beam sensors
BOS 12

BAM00R1

BOS 12-WS-2

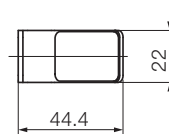
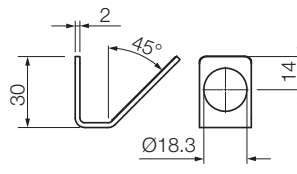
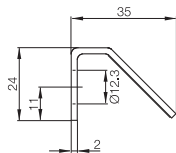
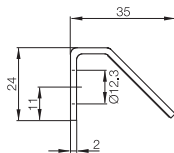


Deflector

For Series 18M
For Series 18K

BAM00RU

BOS 18-WS-1



When using the angled mirror, the sensing range is reduced by 30% for the M12 diffuse and M12 through-beam sensors. Not suitable for retroreflective sensors.

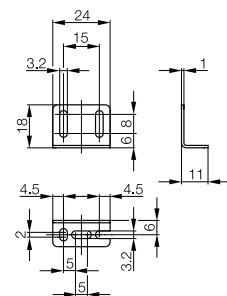
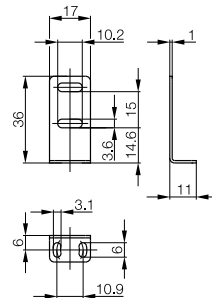
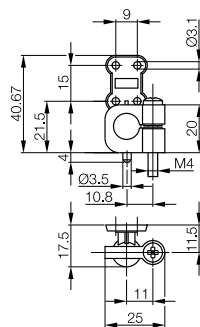
Accessories for Photoelectric Sensors

Mounting bracket

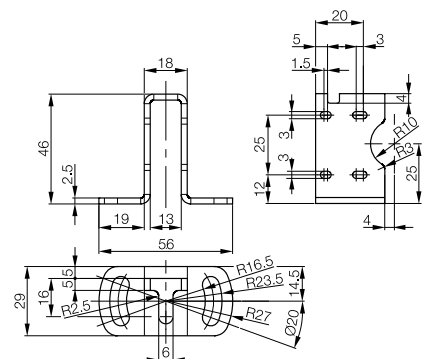
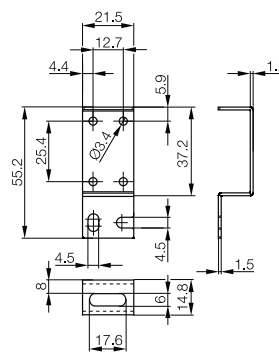
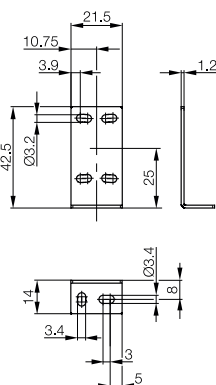
BOS 2, BOS 5



Description	Mounting bracket	Mounting bracket	Mounting bracket
Use	For BOS 2K	For BOS 2K	For BOS 2K
Ordering code	BAM00T4	BAM00T6	BAM00T5
Part number	BOS 2-HW-1	BOS 2-HW-2	BOS 2-HW-3



Description	Mounting bracket	Mounting bracket	Mounting bracket
Use	For BOS 5K	For BOS 5K	For BOS 5K
Ordering code	BAM00U5	BAM00U6	BAM00U7
Part number	BOS 5-HW-1	BOS 5-HW-2	BOS 5-HW-3



Accessories for Photoelectric Sensors

Mounting bracket

BOS 6, BOS 18



Photoelectric
Sensors

Photoelectric
Sensors

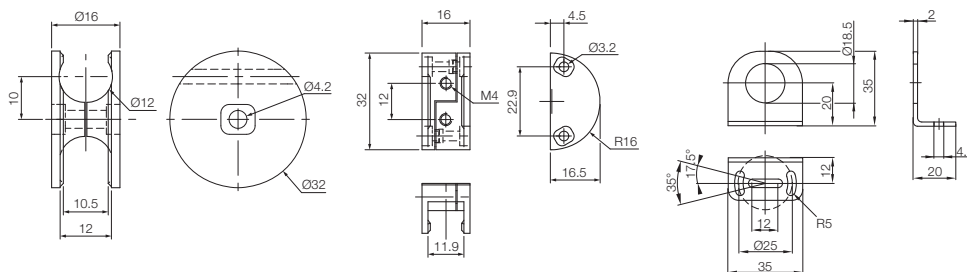
Photoelectric
Sensors with
Special Proper-
ties

Photoelectric
Distance
Sensors for Analog
Distance
Measurement

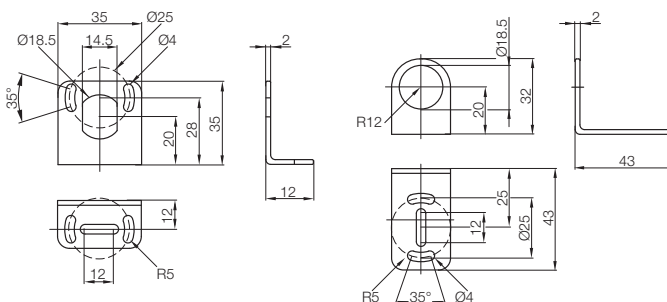
Accessories for
Photoelectric
Sensors
Reflectors
Sensor
Accessories
Fasteners



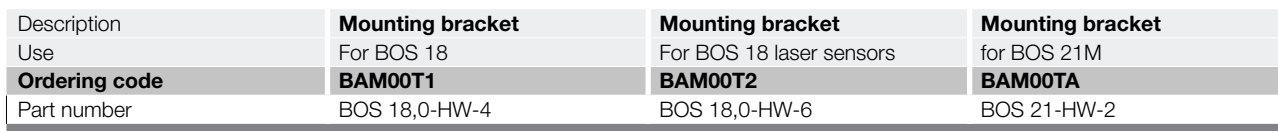
Description	Mounting brackets	Mounting brackets	Mounting bracket
Use	For Series 6K For M12 rods	for BOS 6K	For BOS 18
Ordering code	BAM022C	BAM022A	BAM00RY
Part number	BAM CS-M-D12-S6K-00	BAM MC-XO-030-6K-4	BOS 18,0-HW-1
Material	Stainless steel	Stainless steel	



Description	Mounting bracket	Mounting bracket	
Use	For BOS 18K, BOS 18KW	For BOS 18	
Ordering code	BAM00RZ	BAM00T0	
Part number	BOS 18,0-HW-2	BOS 18,0-HW-3	



BOS 18, BOS 21



Description	Mounting bracket	Mounting bracket	Mounting bracket
Use	for BOS 21M	for BOS 21M	for BOS 21M
Ordering code	BAM00TE	BAM00TC	BAM00T9
Part number	BOS 21-HW-4	BOS 21-HW-3	BOS 21-HW-1
Material			Stainless steel



Accessories for Photoelectric Sensors

Mounting bracket

BOS 23, BOS 36, BOS 65, BOS 66, BOS 74



Photoelectric
Sensors

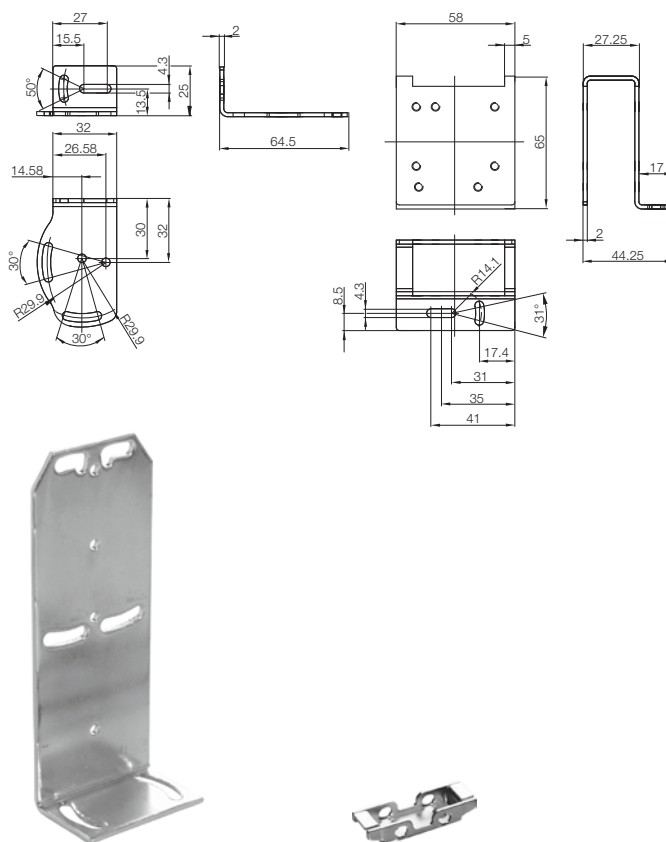
Photoelectric
Sensors

Photoelectric
Sensors with
Special Proper-
ties

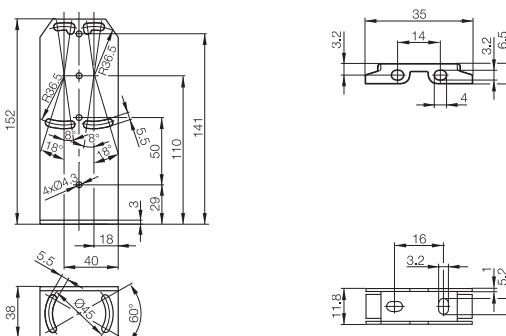
Photoelectric
Distance
Sensors
for Analog
Distance
Measurement

Accessories for
Photoelectric
Sensors
Reflectors
Sensor
Accessories
Fasteners

Description	Mounting bracket	Mounting bracket	
Use	For BOS 23	For BOS 23K	
Ordering code	BAM01FM	BAM01FK	
Part number	BAM MB-X0-007-B05-4	BAM MB-X0-006-B05-4	
Material	Stainless steel	Stainless steel	



Description	Mounting bracket	Mounting bracket
Use	For BOD 66M	For BOS 74K
Ordering code	BAM00P9	BAM00UJ
Part number	BOD 66-HW-1	BOS 74-HW-1
Material	Stainless steel	



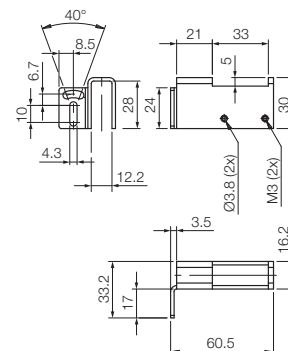
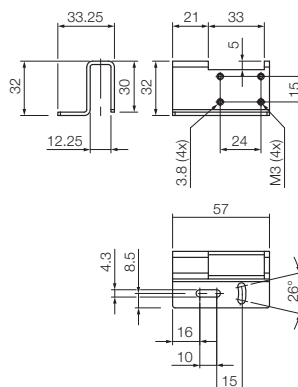
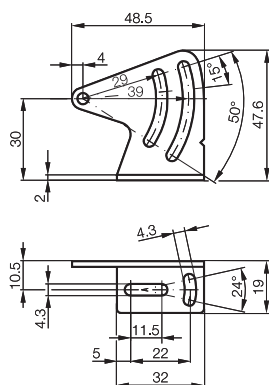
Accessories for Photoelectric Sensors

Mounting brackets

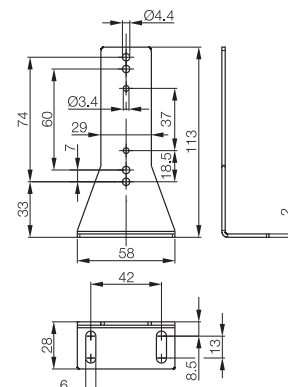
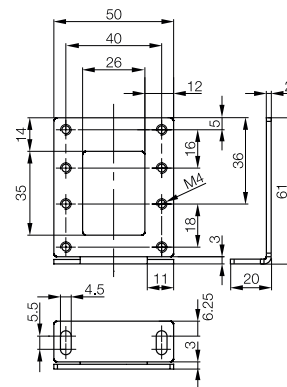
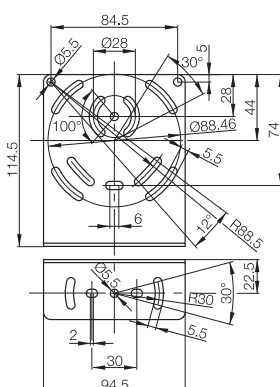
BOS Mix



Description	Mounting bracket	Mounting brackets	Mounting brackets
Use	For BOS 26K, BOS 21M	For BOS 23K, BOS 26K, BOS R06	For BOS 26K, BOS 50K, BOS R06
Ordering code	BAM00TK	BAM0225	BAM0226
Part number	BOS 26-HW-1	BAM MB-XO-014-B10-4-RRR	BAM MB-XO-014-B10-4-BRR
Material		Stainless steel	Stainless steel



Description	Mounting bracket	Mounting bracket	Mounting bracket
Use	For BOS 63M, BOD 63M	For reflectors BOS R-9 and BOS R-22	For reflectors BOS R-10 and BOS R-25
Ordering code	BAM00P6	BAM00UA	BAM00U8
Part number	BOS 63-HW-1	BOS 5-HW-6	BOS 5-HW-4
Material	Stainless steel		



Accessories for Photoelectric Sensors

Mounting brackets

BOS Mix



Photoelectric
Sensors

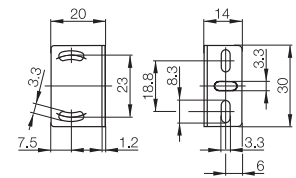
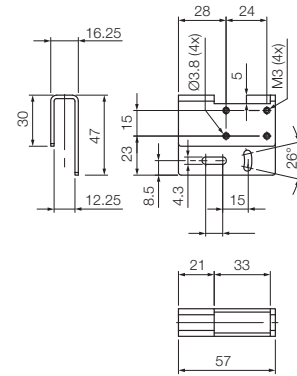
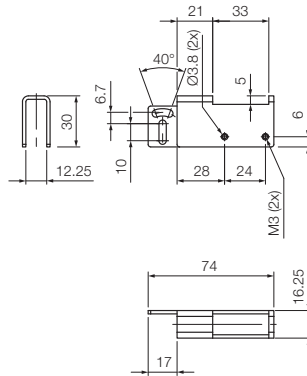
Photoelectric
Sensors

Photoelectric
Sensors with
Special Proper-
ties

Photoelectric
Distance
Sensors
for Analog
Distance
Measurement

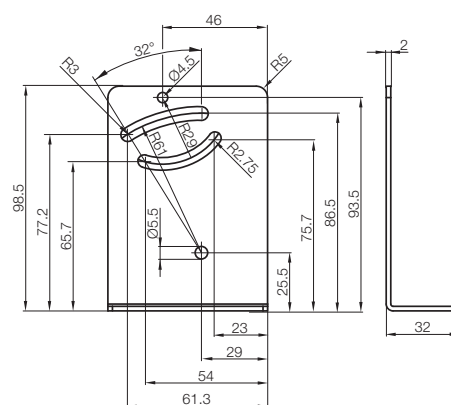
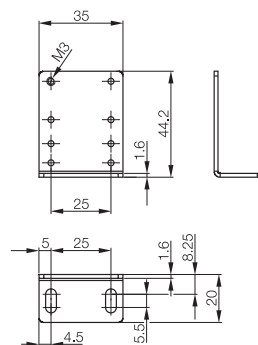
Accessories for
Photoelectric
Sensors
Reflectors
Sensor
Accessories
Fasteners

Description	Mounting brackets	Mounting brackets	Mounting bracket
Use	For BOS 23K, BOS 26K, BUS R06	For BOS 23K, BOS 26K, BUS R06	For BOS 6K and BOS 21M
Ordering code	BAM0227	BAM0228	BAM00UH
Part number	BAM MB-XO-014-B10-4-BLS	BAM MB-XO-014-B10-4-RLS	BOS 6-HW-1
Material	Stainless steel	Stainless steel	Stainless steel



Stainless
Steel

Description	Mounting bracket	Mounting bracket	
Use	For BOS 50K/23K	For BOS R-26 reflectors	
Ordering code	BAM01E8	BAM00U9	
Part number	BAM MB-XO-005-B04-4	BOS 5-HW-5	
Material	Stainless steel		



Accessories for Photoelectric Sensors

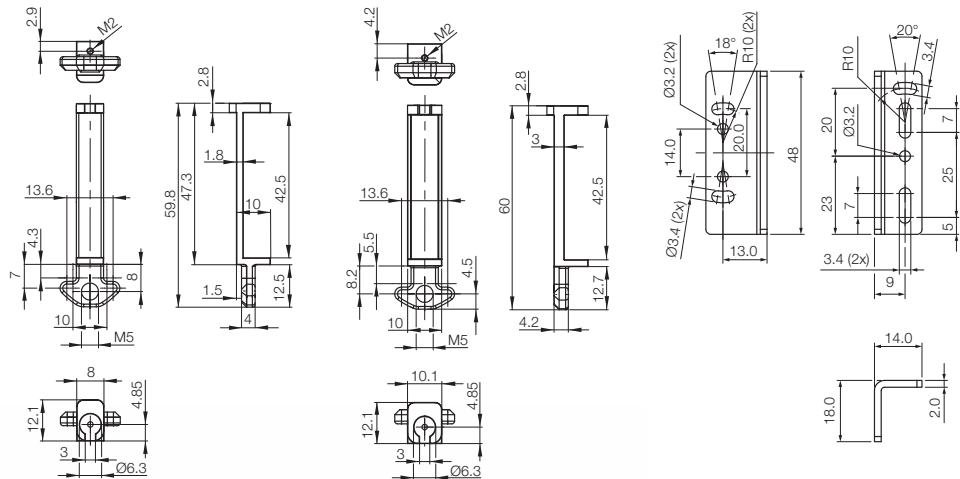
Sensor holder for Q08, mounting bracket



Description	8x8 mm sensor holder	8x8 mm sensor holder	Mounting brackets
Use	For sensors BOS and BES Q08 in ITEM profiles with 8 mm groove	For sensors BOS and BES Q08 in Bosch profiles with 10 mm groove	For BOS Q08M-...
Ordering code	BAM00NJ	BAM01AU	BAM01YW
Part number	BES Q08-KH-2	BES Q08-KH-3	BAM MB-XA-013-Q08-4
Material	CuBe 2	CuBe 2	Stainless steel

Sensor installation could hardly be easier.

Just lay the sensor in the holder and screw it in securely. Afterward, the sensor can be inserted directly from above into the profile groove – in whatever position you would like. The holder accepts all inductive and optical 8x8 cable sensors. These sensors are mainly used in handling and conveyor technology.



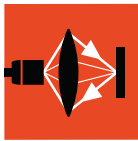
Your added bonus

A patented mounting concept ensures flush installation in aluminum profiles.



Accessories for Photoelectric Sensors

Holding system



Photoelectric
Sensors

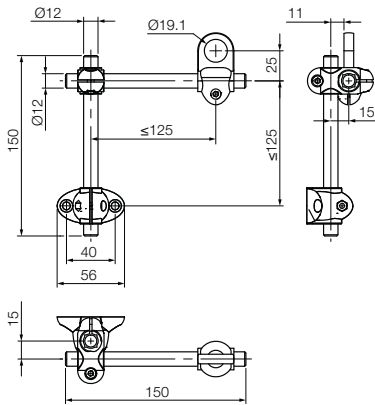
Photoelectric
Sensors

Photoelectric
Sensors with
Special Proper-
ties

Photoelectric
Distance
Sensors
for Analog
Distance
Measurement

Accessories for
Photoelectric
Sensors
Reflectors
Sensor
Accessories
Fasteners

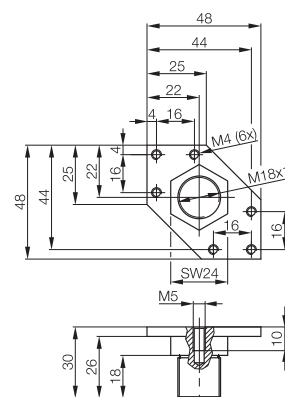
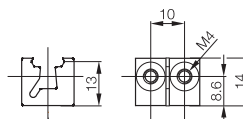
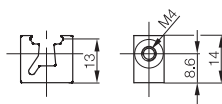
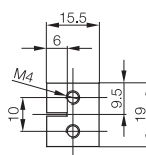
Description	Starter set – plastic
Use	For flexible mounting; for all cylindrical sensors with M18 external thread. May be combined with other Balluff accessories.
Ordering code	SET011L
Part number	BAV BP-PH-00064-01



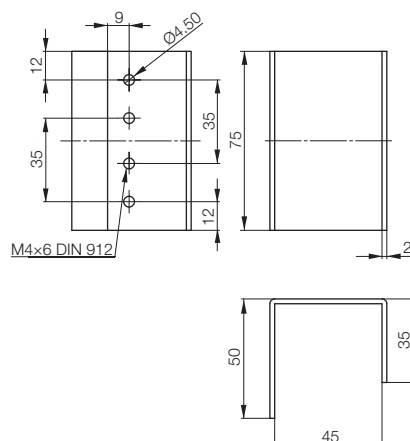
The mounting rods are knurled full-length.
This prevents any position change.



Description	Clamping holders	Clamping holders	Adapter plate
Use	Sensors with dovetail for BOS 21M	Sensors with dovetail for BOS 21M	For BOS 21M, BOS 25K, BOS 26K and BOS R-1
Ordering code	BAM00TF	BAM00TH	BAM00T7
Part number	BOS 21-KH-1	BOS 21-KH-2	BOS 21-AD-1



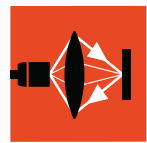
Description	Cover bracket
Type	For mounting with BAM003C sensor holder
Use	For Photoelectric Distance Sensors BOD 63M and 66M for covering and for mechanical protection
Ordering code	BAM003Z
Part number	BMS CZ-M-B-001
Material	Anodized aluminum





Accessories for Photoelectric Sensors

Tools



Photoelectric
Sensors

Photoelectric
Sensors

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Sensors with
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Photoelectric
Distance
Sensors
for Analog
Distance
Measurement

Accessories for
Photoelectric
Sensors

Reflectors
Sensor
Accessories

Fasteners

Description	BMF hex key	Hex key set 0.7-2.0
Type	Folding Allen key set, with additional blades, 8-piece	
Use	Tool set for all BMF sensors and BMF mounting brackets as well as for sensors having a potentiometer, e.g. BOS, BCS, BUS, etc.	Tool set for BMF sensors and BMF angle brackets
Material No.	139868	123264
Material	Blade: chrome vanadium steel, fully hardened, galvanically treated. Handle: ergonomic, fiberglass-reinforced housing, 55 mm long.	

		mm
0.7		
0.9		
1.3		
1.5		
2.0		
2.5		
		3.0
	PH00	

0.71
0.89
1.27
1.5
2.0

Application

Practical folding holder for Allen keys to prevent them from getting lost. Especially good for turning very small screws, for example, for tightening down or accurately adjusting sensors.

Sturdy housing with release button for easily selecting the right blade. Eyelet with matching carabiner hook. Self-service packaging for Euro hole display.