



MODEL STOM1...6	
M12 shutters	
Material	anodized-aluminium
Applications on series	HM-MM

DIMENSIONAL DRAWING	
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DESCRIPTION / INSTALLATION							
The accessory for through-beam emitter/receiver M12 reduces the beam dimension to detect small dimension targets (up to 1mm) for a precise detection.							
The system is formed by a threaded ring nut, a protection glass, an O-ring and a hole to tighten on the optic of both sensors.							
The obtained distances referred to minimum detectable targets.							
	code	STOM1	STOM2	STOM3	STOM4	STOM5	STOM6
	ø oggetto	1	2	3	4	5	6
MM	dist. (m)	0,05	0,20	0,40	0,60	1,40	2,00
	dist. (m)	-	0,10	0,23	0,40	0,59	0,77

MODEL STOS1...8	
M18 shutters	
Material	anodized-aluminium
Applications on series	MS-MV-SS

DIMENSIONAL DRAWING	
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DESCRIPTION / INSTALLATION								
This accessory available for through-beam photoelectric switches M18 reduces the emitted beam allowing the detection of small targets (down to 1mm). The shutter consists of a threaded ring nut, a protection glass, an O-ring and an aperture to be screwed on the optical head of both emitter and receiver. Sensing distance referred to minimum detectable objects, are listed hereunder.								
	code	STOS1	STOS2	STOS3	STOS4	STOS6	STOS8	n/mont.
	ø shutter (mm)	1	2	3	4	6	8	-
MSE-R	dist. (m)	/	0,8	1,8	3,2	6,5	16	16
MVE-R	object (mm)	/	1	1,5	2	3	4	4
MSE-D	dist. (m)	/	1,5	3,5	6,5	15	26	32
MVE-D	object (mm)	/	1	1,5	2	3	4	4
SSE-R	dist. (m)	/	/	1	1,5	3,5	6,5	8
	object (mm)	/	/	1,5	2	3	4	4
SSU-G	dist. (m)	/	1	2,5	4,5	8	8	8
	object (mm)	/	1	1,5	2	4	4	4
SSU-V	dist. (m)	/	1,3	3	3	3	3	3
	object (mm)	/	1	1	1	1	1	1

MODEL ST03	
M18 right angle beam adapter	
Material	ABS
Applications on series	MS-MV-SK-SS-SA

DIMENSIONAL DRAWING	
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DESCRIPTION / INSTALLATION	
It allows a detection at 90° as to the optical axis of the photoelectric sensor. For M18 sensors.	
This accessory consists of an internal threaded body to be screwed on the optical head of the photoelectric switch. The mirror inside the body is set at 45° to the optical axis of the sensor allowing detection at 90°.	
The sensitivity loss is approx. 20-30%.	
Look at the "excess gain" curves to determinate the nominal sensing distance of different models.	
Do not use with diffuse reflection sensors.	

MODEL ST37	
M12 right angle beam adapter	
Material	anodized-aluminium
Applications on series	MM only for through-beam models

DIMENSIONAL DRAWING	
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DESCRIPTION / INSTALLATION	
It allows a detection at 90° as to the optical axis of the photoelectric sensor. For M12 sensors.	
This accessory consists of an internal threaded body to be screwed on the optical head of the photoelectric switch. The mirror inside the body is set at 45° to the optical axis of the sensor allowing detection at 90°.	
The sensitivity loss is approx. 20-30%.	
Look at the "excess gain" curves to determinate the nominal sensing distance of different models.	