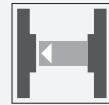




Thru-beam sensor emitter

MD17/33/115-10M



- Emitter
- Compact, versatile housing
- 360° high visibility LEDs
- 10 m cable length

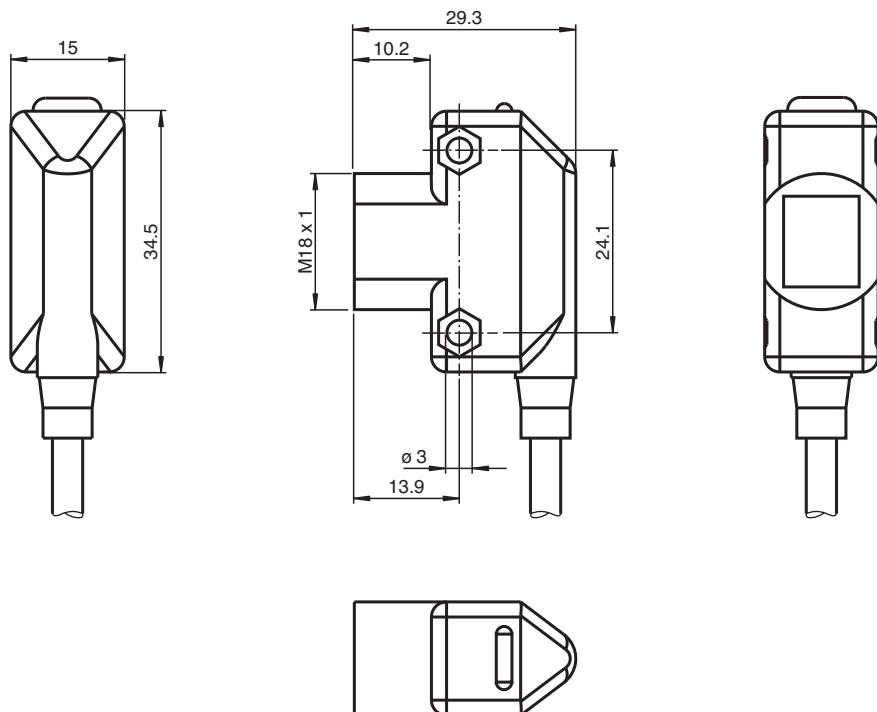
Thru-beam sensor transmitter, small design, infrared light, 20 m range, cable



Function

The ML17 sensor family offers diverse connection and installation options, which means that it can adapt to the most varied automation tasks. In addition to the usual fitting method using M4 screws, these sensors can also be installed by means of M18 threaded insert. All devices are equipped with a green Power On display and a yellow function display. These displays are arranged in such a way that they are clearly visible from different directions.

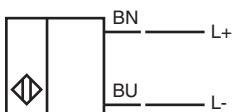
Dimensions



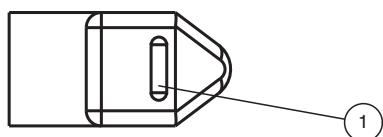
Technical Data

System components		
Emitter	MD17/33/115-10M	
Receiver	MV17/33/115/136-10M	
General specifications		
Effective detection range	0 ... 15 m	
Threshold detection range	20 m	
Reference target	receiver	
Light source	IRED	
Light type	Infrared LED	
Ambient light limit	≤ 10000 Lux	
Indicators/operating means		
Operation indicator	LED green	
Electrical specifications		
Operating voltage	U_B	10 ... 30 V DC , class 2
Ripple		max. 10 %
No-load supply current	I_0	< 25 mA
Time delay before availability	t_v	≤ 200 ms
Conformity		
Product standard	EN 60947-5-2 IEC 60947-5-2	
Approvals and certificates		
CE conformity	CE	
UL approval	cULus	
CCC approval	CCC approval / marking not required for products rated ≤ 36 V	
Ambient conditions		
Ambient temperature	-20 ... 55 °C (-4 ... 131 °F)	
Storage temperature	-20 ... 70 °C (-4 ... 158 °F)	
Mechanical specifications		
Housing width	15 mm	
Housing height	34.5 mm	
Degree of protection	IP67	
Connection	10 m fixed cable	
Material		
Housing	ABS	
Optical face	Acrylic	
Mass	approx. 190 g	

Connection



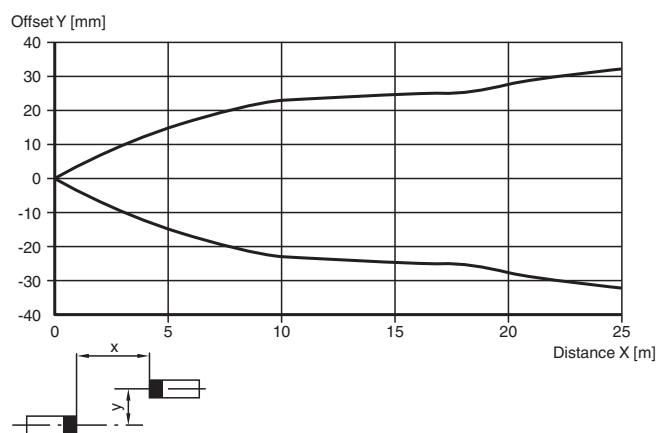
Indication



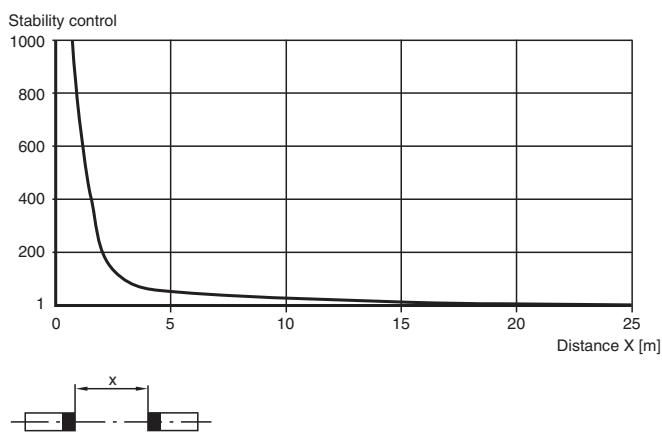
1 Operating display green

Characteristic Curve

Characteristic response curve



Relative received light strength



Matching System Components



MV17/33/115/136-10M

Thru-beam sensor receiver, small design, infrared, light-on/dark-on switching, push-pull output, cable

Accessories



OMH-ML17

Mounting bracket



OMH-ML17-1

Mounting bracket