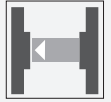


Thru-beam sensor receiver

MV17/115a/136

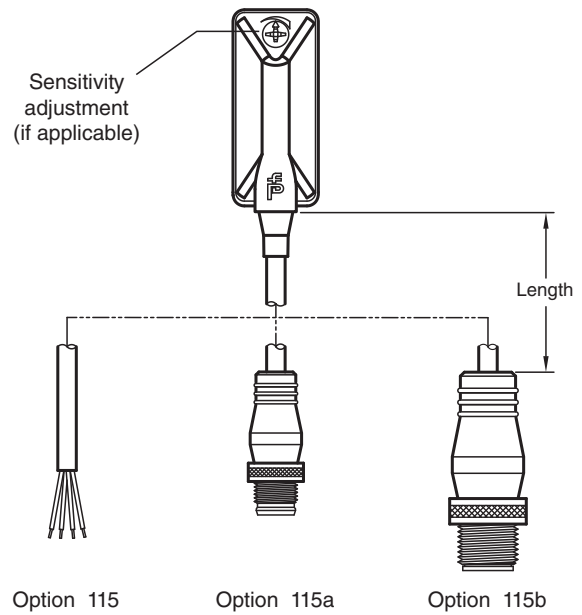
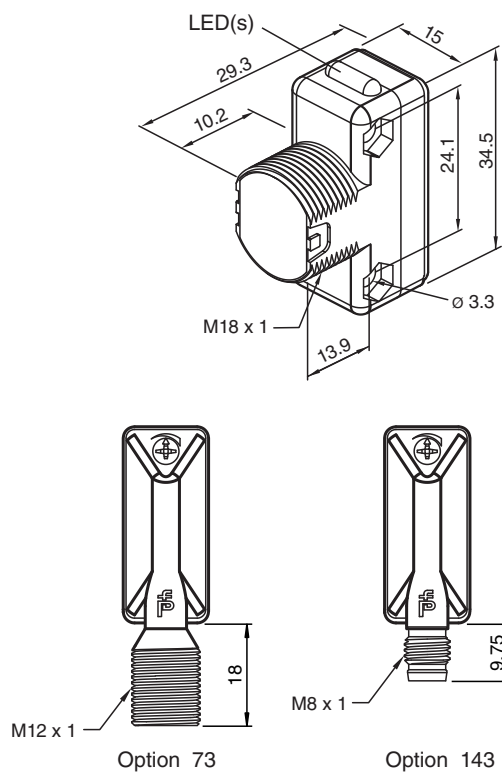


- Receiver
- Cost-effective
- Compact, versatile housing
- 4-in-1 output (push-pull)
- 5 connection options
- Connector
- 360° visible LED
- Sensing range 20 m

ML17 Series



Dimensions



Technical Data

General specifications

Effective detection range	0 ... 20 m
Light type	Infrared LED
Ambient light limit	\leq 10000 Lux

Indicators/operating means

Release date: 2020-09-15 Date of issue: 2020-09-15 Filename: 909378_eng.pdf

Refer to "General Notes Relating to Pepperl+Fuchs Product Information".

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PEPPERL+FUCHS

Technical Data

Function indicator	LED yellow, lights up with receiver lit	
Electrical specifications		
Operating voltage	U_B	10 ... 30 V DC , class 2
Ripple		max. 10 %
No-load supply current	I_0	< 25 mA
Operating current	I_B	100 mA max per output
Protection class		IP67
Time delay before availability	t_v	≤ 200 ms
Output		
Switching type		light/dark on electrically switchable
Signal output		2 push-pull (4 in 1) outputs, short-circuit protected, reverse polarity protected, overvoltage protected
Switching voltage		max. 30 V DC
Switching current		max. 100 mA
Voltage drop	U_d	≤ 2 V DC
Switching frequency	f	150 Hz
Response time		≤ 3 ms
Conformity		
Product standard		EN 60947-5-2
Approvals and certificates		
UL approval		cULus
Approvals		
USA		cULus
Canada		cULus
Ambient conditions		
Ambient temperature		-20 ... 55 °C (-4 ... 131 °F)
Storage temperature		-20 ... 75 °C (-4 ... 167 °F)
Mechanical specifications		
Housing width		15 mm
Housing height		34.5 mm
Degree of protection		IP67
Connection		150 mm PVC cable with V31 connector
Material		
Housing		ABS
Optical face		Acrylic
Mass		23 g (per housing)