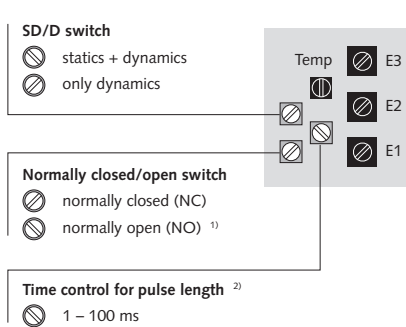
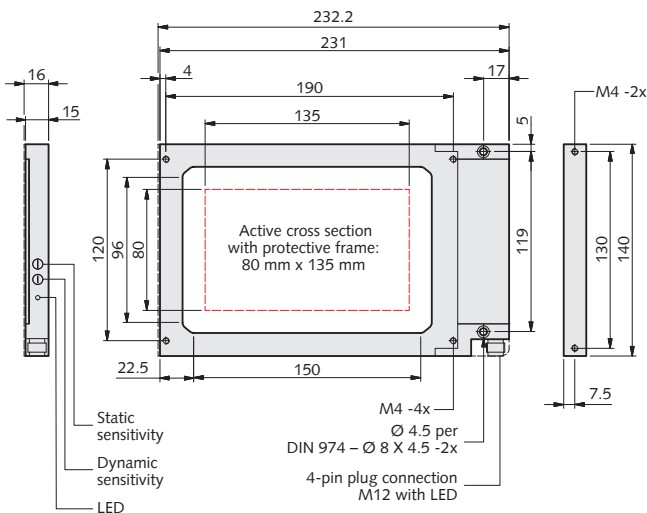


PRX 15 mm series

Multi-beam infrared frame light barriers with integrated amplifier – connector M12 – 4-pin



measure. analyze. innovate.



- Must not be changed!
- 1) Default setting
- 2) Default setting: 10 ms

Application

- Ejection control
- Counting of ultra small parts
- High-resolution frame light barrier with crossed light grid, for flat disc-shaped parts

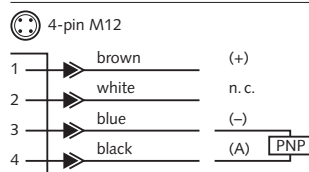
Specifications

Circuit	Constant light trigger
Operating voltage	12 – 24 VDC
Current consumption	150 – 200 mA
Mode of operation	dynamic/static ¹⁾
Sensitivity static/dynamic	adjustable by 270° pot
Output with LED	PNP
Function	normally open/closed
Load current	200 mA short-circuit proof
Pulse length	10 ms, internally adjustable (1 – 100 ms)
Frequency	max. 1 KHz, depending on pulse length
Temperature range	0°C – 60°C
EMC according to 2014/30/EU	EN 61000... CЄ
System of protection	IP 65
General tolerance of the housing	DIN ISO 2768-m

Resolution

Frame cross section [mm]:	96 – 150
Part diameter [mm]:	
dynamic	0.9
static	0.9

Pin configuration



Article	Order No.
Frame light barrier:	
PRX-96-150/4-P	8320-00000-4002

Accessories (more accessories, see last pages)	
Article	Order No.
Protective frame:	
SRX-96-150	2300-00000-8230
Connection cable:	
VK-M12-5-g (5 m, straight)	2112-00005-0500
VK-M12-5-w (5 m, angled)	2112-00005-1500
Extension cable 4-pin M12:	
VK-M12-g/M12 (2 m, straight)	2112-00002-0404