

Analog detector

Series OD 100

Analog infrared detectors

Measuring-range 0...300 °C

Analog output 4...20 mA

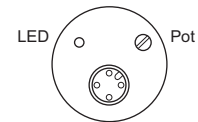
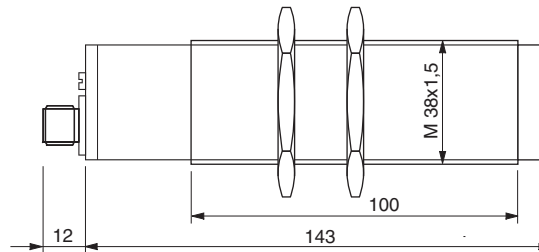
Stainless steel housing



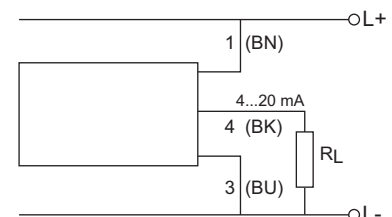
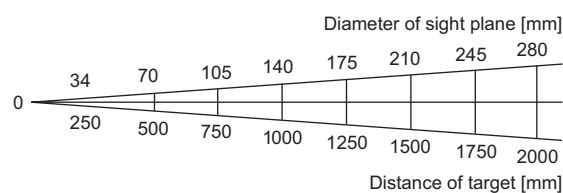
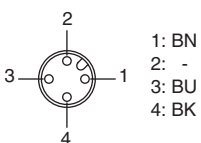
Design

DC 4...20 mA • M38x1.5

Dimensions



Sensing range [°C]	50...150	0...300
Output		
ID-No.	P61001	P61002
Type	OD 100 GA 150	OD 100 GA 300
Operating voltage [V]	18...32 DC	
Current consumption [mA]	<40	
Current output [mA]	4...20	
Field of view [°]	<10	
Reproduction [°C]	±1	
Temperature coefficient [%/K]	±0,1 of the measuring value	
Response time [ms]	<100	
Precision [%]	±3 of the measuring value	
Ambient temperature [°C]	-10...+60	
Load resistance R _L [Ω]	<500	
EMC-class	A	
Protection [EN 60529]	IP 67	
Housing material	AISI 316 Ti	
Connection	M12 connector	



Accessories

see page 6.10