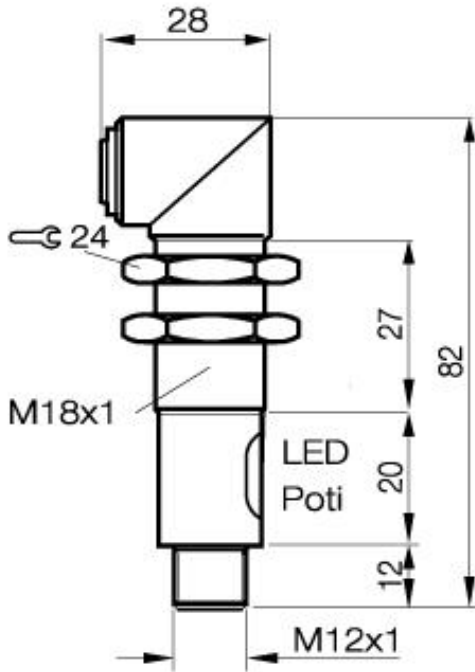


Photoelectric Sensor
BOS 18MR-PA-1HA-S 4-C
Sn=120mm
Diffuse, Background suppression



PX1008

Common Data

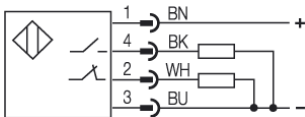
Series	18MR
Sensortype	Diffuse, Background suppression
Switching frequency	600 Hz
Rated operating distance Sn in mm	120
asured operating distance Sa	adjustable
Repeat accuracy	< 5% from Sn
Hysteresis	< 5%
Indication Switching element on	yes, yellow LED
Ambient temperature	-5...+55°C
On-delay	< 0,8ms
Off-delay	< 0,8ms
Light	Red light
Blind zone / min Reflector distance	40mm
Permissible ambient light	2000 Lux
Output function	light-on or dark-on

Mechanical Data

Measurements	M18x82
Shock	Halfsinus, 30gn, 11ms
Vibration	10...55Hz, 1,5mm Amplitude 3x2h
Housing material	nickel plated brass
Material of sensing face	PMMA
Degree of protection	IP67
Connection	Connector S4 (M12)
Weigth	62g

Electrical Data

Current	DC
Switching function	NO/NC
Rated operational voltage Ue	24V DC
Rated operational current Ie	200mA
Supply Voltage	10...30V DC
Ripple	< 10% from UB
Frequency of Supply Voltage	DC
Voltage drop	<2,5V
Short protection	yes
Rated insulation voltage	250V AC
max. Load capacity	1µF



Utilization categories
 Insulation class

Datasheet number:

Definitions see general catalog.
 If not otherwise noted, ratings according to
 IEC 60947-5-2 (DIN EN60947-5-2)

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