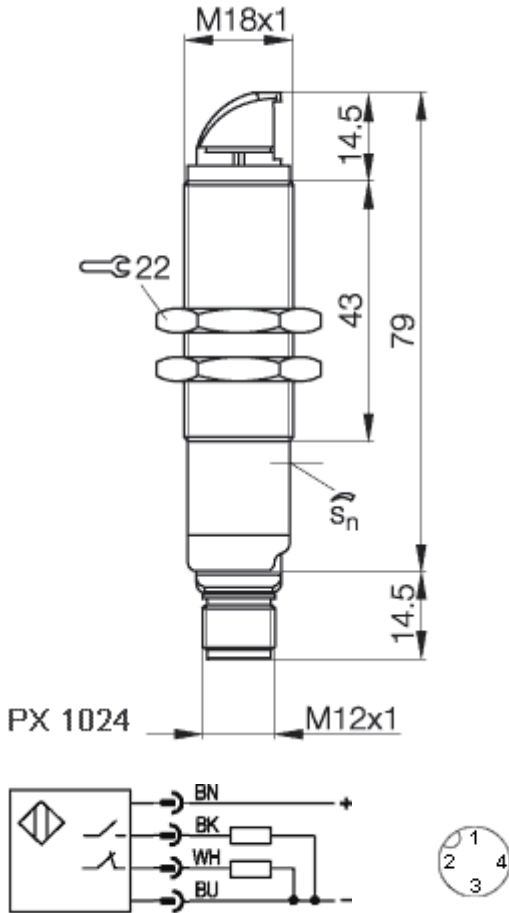


Retroreflective
 M18x1
 Sn = 9000 mm



Approvals



Utilization categories DC13
 Insulation class II

If not differently indicated,
 all values by IEC 947-5-2 (DIN EN60947-5-2)

Sensing distance measured with : Reflektor BOS R-1
 Specifications subject to change

Balluff GmbH
 Postfach 1160
 73761 Neuhausen
 Telefon (07158) 173-0
 Telefax (07158) 5010

Common Data

Sensortype		Retroreflective
Switching frequency		1,5 kHz
Rated operating distance Sn	mm	9000
assured operating distance Sa	mm	100...9000
Indication supply voltage		LED green
Indication switching element		LED yellow
Ambient temperature	°C	-10...+50°C
On / Off-delay		333µs
Light		Laser, red, 650nm, Protection class 1
Sensitivity adjustment		Poti

Mechanical Data

Measurements BxHxT or DxT	mm	M18x93,5
Shock test (EN 60068-2-27)		Halfsinus, 30gn, 11ms
Vibration test (EN 60068-2-6)		10...55Hz, 1,5mm Amplitude 3x2h
Housing material		nickel plated brass
Material of sensing face		PMMA
Degree of protection	IP	IP67
Connection		Connector S4 (M12)
Weight		60g
Recommended connector		BKS-S20-9

Electric Data

Current		DC
Switching function		normally-open / normally-closed
Output		PNP
Rated operational voltage Ue	V	24V DC
Rated operational current Ie	mA	100mA
Supply voltage	V	10-30V
Ripple	%	< 10 % from UB
No-load supply current	mA	< 35
Voltage drop	V	< 2
Short protection		yes
Protectde against polarity rev		yes

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