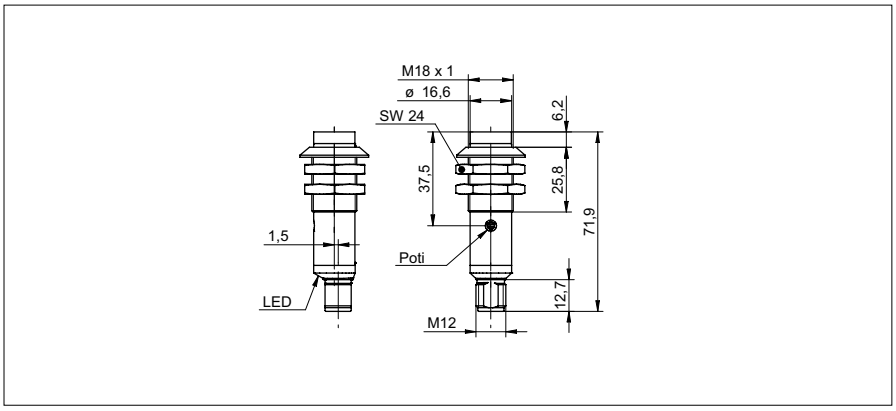
Diffuse sensors with background suppression

OR18.GR-11157841

dimension drawing



general data	
type	background suppression
light source	pulsed red LED
sensing distance Tw	40 ... 120 mm
sensing range Tb	5 ... 120 mm
power on indication	LED green
output indicator	LED yellow
sensing distance adjustment	mechanical, 4 turn
wave length	660 nm

electrical data	
response time / release time	< 1 ms
voltage supply range +Vs	12 ... 30 VDC
current consumption max. (no load)	40 mA
current consumption typ.	30 mA
voltage drop Vd	< 2 VDC
output function	light / dark operate
output circuit	PNP
output current	< 100 mA
short circuit protection	yes
reverse polarity protection	yes

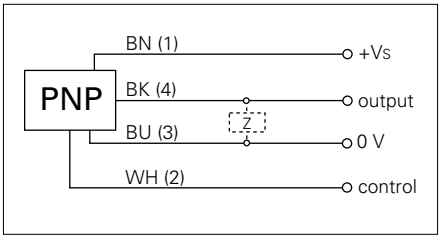
mechanical data	
width / diameter	18 mm
height / length	71,9 mm
type	cylindrical threaded
housing material	plastic (ABS TERLURAN)
front (optics)	PMMA
connection types	connector M12 4 pin

ambient conditions	
operating temperature	-25 ... +55 °C
protection class	IP 67

photo



connection diagram



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