

L = Length, 1) LED function indicator



Basic features

Approval/Conformity	CE cULus UKCA WEEE
Scope of delivery	O-ring $\varnothing 17.13 \times 2.62$ Hexagon socket screw UNC 1/4"- 20x3/4"- 12.9 (2x)

Display/Operation

Function indicator	LED yellow
Power indicator	Green LED

Electrical connection

Connection	M12x1-Male, 4-pin, A-coded
Protection against device mix-ups	yes
Short-circuit protection	yes

Electrical data

No-load current I_0 max., damped	35 mA
No-load current I_0 max., undamped	20 mA
Operating voltage U_b	10...30 VDC
Rated operating current I_e	200 mA
Rated operating voltage U_e DC	24 V
Ready delay t_v max.	100 ms
Residual current I_r max.	100 μ A
Switching frequency	30 Hz
Utilization category	DC -13
Voltage drop static max.	2 V

Environmental conditions

Ambient temperature	-25...70 °C
IP rating	IP67

Functional safety

MTTF (40 °C)	640 a
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Interface

Switching output	PNP/NPN normally open (NO)
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Material

Housing material	Zinc Aluminium
Material sensing surface	Duroplast

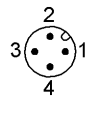
Mechanical data

Dimension	$\varnothing 12.7 \text{ mm} \times 1.025 \text{ ''}$
Installation	for flush mounting
Pressure rating max.	206 bar
Pressure rating, note	oil pressure rated

Range/Distance

Assured operating distance S_a	1.6 mm
Hysteresis H max. (% of S_r)	15.0 %
Rated operating distance S_n	2 mm
Real switching distance s_r	2 mm
Tolerance S_r	10 %

Connector Drawings



Wiring Diagrams

