

1) Sensing surface 2) Housing 3) Cover 4) Potentiometer 5) LED Power 6) LED function indicator



Display/Operation

Function indicator	yes
Power indicator	yes

Electrical connection

Connection	M12x1 plug, 4-pin, A-coded
Polarity reversal protected	yes
Protection against device mix-ups	no
Short-circuit protection	yes

Electrical data

Operating voltage U_b	10...30 VDC
Rated insulation voltage U_i	75 V DC
Rated operating current I_e	100 mA
Rated operating voltage U_e DC	24 V
Ready delay t_v max.	75 ms
Ripple max. (% of U_e)	10 %
Switching frequency	100 Hz
Utilization category	DC -13
Voltage drop static max.	1.5 V

Environmental conditions

Ambient temperature	-5...85 °C
Protection degree	IP67
Storage temperature	-25...85 °C

General data

Approval/Conformity	CE cULus WEEE
Basic standard	IEC 60947-5-2
Sensitivity	Switching distance adjustable
Series	G34

Material

Cover material	PBT PA
Housing material	POM
Material sensing surface	POM

Mechanical data

Dimension	Ø 34 x 77 mm
Installation	for flush mounting
Size	D34.0

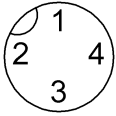
Output/Interface

Switching output	PNP normally open (NO)
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Range/Distance

Hysteresis H max. (% of Sr)	15.0 %
Measuring range	2...15 mm
Rated operating distance S_n	15 mm
Repeat accuracy max. (% of Sr)	5.0 %
Temperature drift max. (% of Sr)	20 % [-5...55 °C]

Connector view



Wiring Diagram

