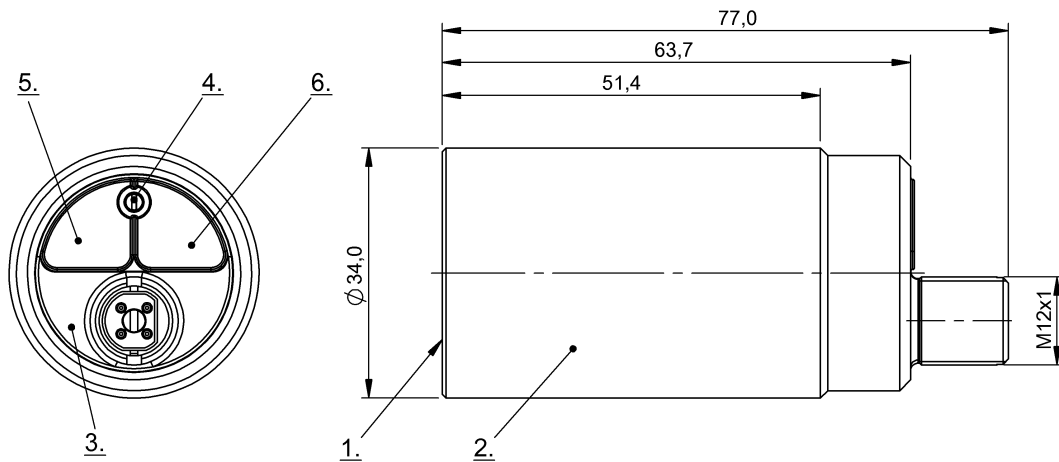


BCS G34OOI2-PSC15D-S04K BCS00UJ



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



IND. CONT. EQ.
81U2
for use in the secondary of
a class 2 source of supply

Display/Operation

Function indicator	yes
Power indicator	yes

Electrical connection

Connection	M12x1-Connector, 4-pole, A-coded
Polarity reversal protected	yes
Short-circuit protection	yes

Electrical data

Hysteresis H max. (% of Sr)	15.0 %
Operating voltage U_b	10...30 VDC
Protected against miswiring	no
Rated insulation voltage U_i	75 V DC
Rated operating current I_e DC	100 mA
Rated operating voltage U_e DC	24 V
Ready delay t_v max.	75 ms
Repeat accuracy max. (% of Sr)	5.0 %
Switching frequency	100 Hz
Utilization category	DC -13
Voltage drop static max.	1.5 V

Environmental conditions

Ambient temperature	-5...85 °C
Protection type IEC 60529	IP67
Storage temperature	-25...85 °C

General data

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

Material

Cover material	PBT PA
Housing material	POM
Material cover	PBTPA
Material sensing surface	POM

Mechanical data

Dimension	Ø 34 x 79 mm
Installation	for flush mounting
Size	D34.0

Output/Interface

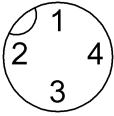
Switching output	PNP Normally open (NO)
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Range/Distance

Measuring range	2...15 mm
Range	2...15 mm
Rated operating distance S_n	15 mm
Ripple max. (% of U_e)	10 %
Temperature drift max. (% of Sr)	20 % [-55...55 °C]

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Connector view



Wiring Diagram

