

sensor capacitive, analogue

PRODUCT: capacitive proximity switch with analogue output

DESIGN: M30x1

- robust metal housing
- flush mounting
- operating range 0...20mm
- 2m cable

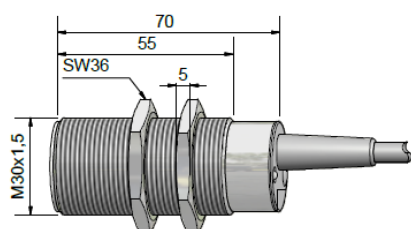


technical data

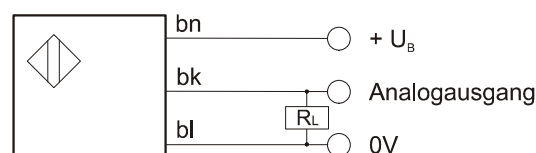
operating voltage	15 ... 30V DC
permitted residual ripple (max.)	5%
no-load current (I_0)	$\leq 40\text{mA}$
analogue output	4 ... 20mA
output current active surface free	$\geq 20\text{mA}$
output current active surface covered	$\leq 20\text{mA} \dots \leq 4\text{mA}$
load resistor	$R_L = 0 \dots 300\Omega$
operating range	0...20mm
linear range	0...14mm
ambient temperature	0 ... +60°C
LED-display	green/yellow/green
protective circuit	built in
system of protection	IP67 acc. EN 60529
connection cable	2m, PVC, 3x0.75mm ²
housing material	brass
active face	PTFE
lid	PA/PPO

note: The sensor is equipped with a potentiometer for adjusting the gradient of the analogue curve. In order to get reproducible results, please wait 15min. after switching on before adjusting. Never use these devices in applications where the safety of a person depends on their functionality.

dim. drawing



electrical connection



bn=braun (brown), bk=schwarz (black), bl=blau (blue)

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