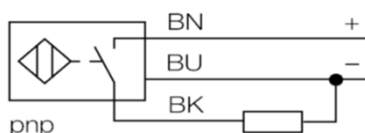


TECHNISCHE DATEN

- Threaded barrel, M12 x 1
- Chrome-plated brass
- Factor 1 for all metals
- Protection class IP68
- Magnetic field immune
- High switching distance
- Recessed mounting possible
- DC 3-wire, 10...30 VDC
- NO contact, PNP output
- Cable connection

Rated operating distance S_n :	4mm
Mounting condition :	flush
Assured sensing range :	$\leq (0,81 \times S_n)$ mm
Repeatability:	$\leq 2\%$
	$\leq \pm 15\%, \leq -25\% \text{ } ^\circ\text{C v } \leq +70^\circ\text{C}$
Hysteresis :	3...15%
Ambient temperature :	-30°C up to max. +85°C

Wiring diagram



Operating voltage :	10 bis 30 VDC
Residual ripple :	$\leq 10\% U_{ss}$
DC rated operational current :	≤ 200 mA
No-load current I_0 :	≤ 15 mA
Residual current:	$\leq 0,1$ mA
Rated insulation voltage :	$\leq 0,5$ kV
Short-circuit protection :	ja, taktung
Voltage drop at I_e :	$\leq 1,8$ V
Wire breakage / Reverse polarity protection :	ja / vollständig
Output function :	Dreidraht, Schließer, PNP
Switching frequency:	≤ 2 kHz.

Design :	threaded barrel, M12 x 1
Dimensions :	54 mm
Housing material :	Metal, CuZn, chrome-plated
Material active face :	Plastic, LCP-GF30
End cap :	Plastic, EPTR
Tightening torque of housing nut :	10 Nm
Connection :	cable
Cable quality :	$\varnothing 5,2$, LifYY, PVC, 2m
Cable cross section :	3 x 0,34 mm ²
Vibration resistance :	55 Hz. (1 mm)
Shock resistance :	30g (11 ms)
Protection class :	IP68
Switching state :	LED yellow

