IE5266

IEB3001-BPKG/AS

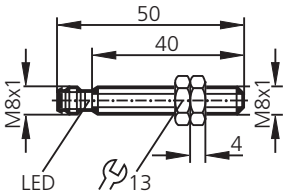
Metallgewinde M8 x 1

Steckverbindung

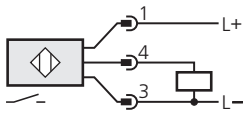
Schaltabstand 1mm [b]

bündig einbaubar

CE



Elektrische Ausführung Ausgangsfunktion		3-Leiter DC PNP Schließer
Betriebsspannung	[V]	10 ... 36 DC
Strombelastbarkeit (Dauer) Strombelastbarkeit (Kurzzeit)	[mA] [mA]	250 —
Mindestlaststrom	[mA]	—
Kurzschlußschutz, getaktet		●
Verpolungssicher / überlastfest		●
Spannungsabfall (max. Last)	[V]	< 1,6
Reststrom	[mA]	—
Stromaufnahme	[mA]	< 15 (24 V)
Schaltfrequenz	[Hz]	2000
Realschaltabstand Sr	[mm]	1 ± 10%
Arbeitsabstand	[mm]	0 ... 0,8
Schaltpunktdrift	[% von Sr]	-10 ... +10
Hysterese	[% von Sr]	1 ... 15
Korrekturfaktoren		Stahl (St37) = 1; V2A ca. 0,7; Messing ca. 0,5; Al ca. 0,4; Cu ca. 0,3
Schaltzustandsanzeige		LED rot
Umgebungstemperatur	[°C]	-25 ... +80
Schutzart, Schutzklasse		IP 67
EMV		EN 60947-5-2; EN 55011 Klasse B
Gehäusewerkstoff		Messing vernickelt; PBTP
Anschluß		M8-Steckverbindung
Anschlußschema		



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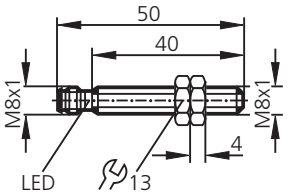
Metal thread M8 x 1

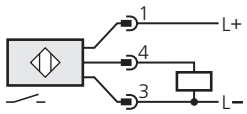
Plug and socket

Sensing range 1mm [f]

flush mountable



Electrical design Output		3-wire DC PNP normally open
Operating voltage	[V]	10 ... 36 DC
Current rating (continuous)	[mA]	250
Current rating (peak)	[mA]	—
Minimum load current	[mA]	—
Short-circuit protection		●
Reverse polarity / overload protection		●
Voltage drop	[V]	< 1.6
Leakage current	[mA]	—
Current consumption	[mA]	< 15 (24 V)
Switching frequency	[Hz]	2000
Real sensing range Sr	[mm]	1 ± 10%
Operating distance	[mm]	0 ... 0.8
Switch-point drift	[% of Sr]	-10 ... +10
Hysteresis	[% of Sr]	1 ... 15
Correction factors		mild steel = 1; stainless steel approx. 0.7; brass approx. 0.5; Al approx. 0.4; Cu approx. 0.3
Output status indication		LED red
Operating temperature	[°C]	-25 ... +80
Protection		IP 67
EMC		EN 60947-5-2; EN 55011 class B
Housing material		nickel-plated brass; PBTP
Connection		M8 connector
Wiring		



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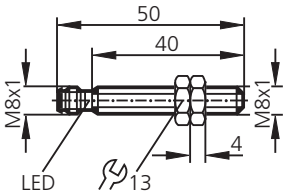
Filetage métallique M8 x 1

Raccordement
par connecteur

Portée 1mm [b]

encastrable

CE



Technologie Sortie		3 fils DC PNP normalement ouvert
Tension d'alimentation	[V]	10 ... 36 DC
Courant de sortie (au maintien) Courant de sortie (à l'appel)	[mA] [mA]	250 —
Courant de sortie minimum	[mA]	—
Protégé: courts-circuits		●
Protégé: inv. de pol. et surcharges		●
Chute tension / charge maxi	[V]	< 1,6
Courant résiduel	[mA]	—
Consommation	[mA]	< 15 (24 V)
Fréquence de commutation	[Hz]	2000
Portée réelle Sr	[mm]	1 ± 10%
Portée de travail	[mm]	0 ... 0,8
Dérive du point de comm.	[% de Sr]	-10 ... +10
Hystérésis	[% de Sr]	1 ... 15
Facteurs de correction		acier = 1; V2A (303) env. 0,7; laiton env. 0,5; Al env. 0,4; Cu env. 0,3
Indication de commutation		LED rouge (4 x 90°)
Température ambiante	[°C]	-25 ... +80
Protection		IP 65 / III si encliqueté; IP 67 / III si vissé
CEM		EN 60947-5-2; EN 55011 classe B
Boîtier		laiton nickelé; PBTP
Raccordement		embase M8
Schéma de branchement