IG0011

IGA2005-ABOA

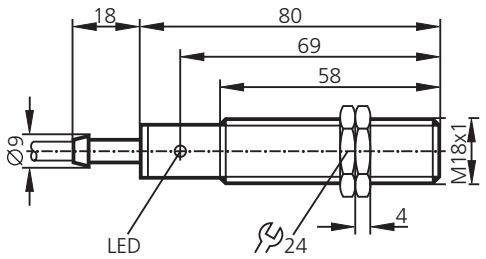
Metallgewinde M18 x 1

Anschlußleitung

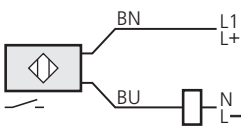
Schaltabstand 5mm [b]

bündig einbaubar

CE



Elektrische Ausführung Ausgangsfunktion		2-Leiter AC/DC Schließer
Betriebsspannung	[V]	20 ... 250 AC/DC
Strombelastbarkeit (Dauer) Strombelastbarkeit (Kurzzeit)	[mA] [mA]	350 AC (... +50°C); 250 AC (... +80°C); 100 DC î: 2,2 A (20ms / 0,5Hz)
Mindestlaststrom	[mA]	5
Kurzschlußschutz, getaktet		—
Verpolungssicher / überlastfest		—
Spannungsabfall (max. Last)	[V]	< 6,5 AC / 6,0 DC
Reststrom	[mA]	< 2,5 (250V AC); <1,3 (110V AC); < 0,8 (24V DC)
Stromaufnahme	[mA]	—
Schaltfrequenz	[Hz]	25 AC / 50 DC
Realschaltabstand Sr	[mm]	5 ± 10%
Arbeitsabstand	[mm]	0 ... 4,05
Schaltpunktdrift	[% von Sr]	-10 ... +10
Hysterese	[% von Sr]	1 ... 15
Korrekturfaktoren		Stahl (St37) = 1; V2A ca. 0,7; Messing ca. 0,4; Al ca. 0,3; Cu ca. 0,2
Schaltzustandsanzeige		LED gelb
Umgebungstemperatur	[°C]	-25 ... +80
Schutzart, Schutzklasse		IP 67 ⧈
EMV		EN 60947-5-2; EN 55011 Klasse B
Gehäusewerkstoff		Messing vernickelt; CO-PC
Anschluß		PVC-Kabel, 2m/2 x 0,5mm²
Anschlußschema		



Adernfarben:
braun: BN
blau: BU
schwarz: BK
weiß: WH

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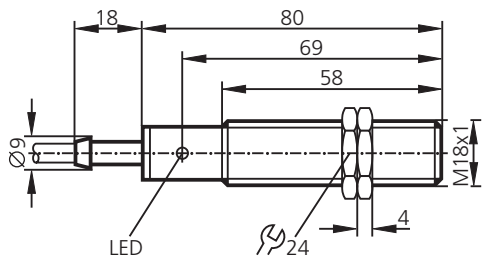
Metal thread M18 x 1

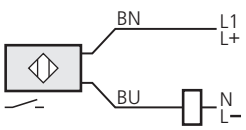
Cable

Sensing range 5mm [f]

flush mountable



Electrical design Output		2-wire AC/DC normally open
Operating voltage	[V]	20 ... 250 AC/DC
Current rating (continuous) Current rating (peak)	[mA] [mA]	350 AC (... +50°C); 250 AC (... +80°C); 100 DC î: 2.2 A (20ms / 0.5Hz)
Minimum load current	[mA]	5
Short-circuit protection		—
Reverse polarity / overload protection		—
Voltage drop	[V]	< 6.5 AC / 6.0 DC
Leakage current	[mA]	< 2.5 (250V AC); <1.3 (110V AC); < 0.8 (24V DC)
Current consumption	[mA]	—
Switching frequency	[Hz]	25 AC / 50 DC
Real sensing range Sr	[mm]	5 ± 10%
Operating distance	[mm]	0 ... 4.05
Switch-point drift	[% of Sr]	-10 ... +10
Hysteresis	[% of Sr]	1 ... 15
Correction factors		mild steel = 1; stainless steel approx. 0.7; brass approx. 0.4; Al approx. 0.3; Cu approx. 0.2
Output status indication		LED yellow
Operating temperature	[°C]	-25 ... +80
Protection		IP 67
EMC		EN 60947-5-2; EN 55011 class B
Housing material		nickel-plated brass; CO-PC
Connection		PVC cable, 2m/2 x 0.5mm²
Wiring		



Core colours:
brown: BN
blue: BU
black: BK
white: WH

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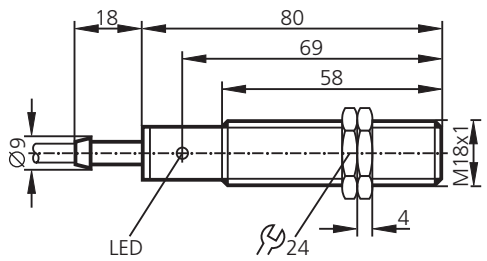
Filetage métallique M18 x 1

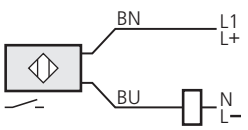
Raccordement par câble

Portée 5mm [b]

encastrable



Technologie Sortie		2 fils AC/DC normalement ouvert
Tension d'alimentation	[V]	20 ... 250 AC/DC
Courant de sortie (au maintien) Courant de sortie (à l'appel)	[mA] [mA]	350 AC (... +50°C); 250 AC (... +80°C); 100 DC î: 2,2 A (20ms / 0,5Hz)
Courant de sortie minimum	[mA]	5
Protégé: courts-circuits		—
Protégé: inv. de pol. et surcharges		—
Chute tension / charge maxi	[V]	< 6,5 AC / 6,0 DC
Courant résiduel	[mA]	< 2,5 (250V AC); <1,3 (110V AC); < 0,8 (24V DC)
Consommation	[mA]	—
Fréquence de commutation	[Hz]	25 AC / 50 DC
Portée réelle Sr	[mm]	5 ± 10%
Portée de travail	[mm]	0 ... 4,05
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. 0,4; Al env. 0,3; Cu env. 0,2
Indication de commutation		LED jaune
Température ambiante	[°C]	-25 ... +80
Protection		IP 67
CEM		EN 60947-5-2; EN 55011 classe B
Boîtier		laiton nickelé; CO-PC
Raccordement		câble PVC, 2m/2 x 0,5mm²
Schéma de branchement		



Couleurs des fils conducteurs:
noir: BK
brun: BN
bleu: BU
blanc: WH