

IA0032

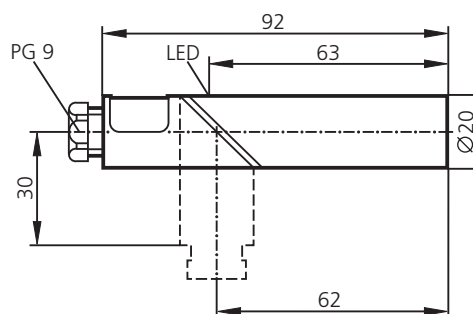
IAE2010-FBOA

Kunststoffhülse Ø 20mm

Anschlußklemmen

Schaltabstand 10mm [nb]

nicht bündig einbaubar



Elektrische Ausführung Ausgangsfunktion

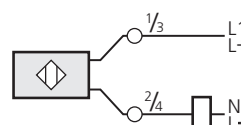
Betriebsspannung	[V]
Strombelastbarkeit (Dauer)	[mA]
Strombelastbarkeit (Kurzzeit)	[mA]
Mindestlaststrom	[mA]
Kurzschlußschutz, getaktet	
Verpolungssicher / überlastfest	
Spannungsabfall (max. Last)	[V]
Reststrom	[mA]
Stromaufnahme	[mA]
Schaltfrequenz	[Hz]

Realschaltabstand S_r	[mm]
Arbeitsabstand	[mm]
Schaltpunktdrift	[% von S_r]
Hysterese	[% von S_r]
Korrekturfaktoren	

Schaltzustandsanzeige	
Umgebungstemperatur	[°C]
Schutzart, Schutzklasse	
EMV	
Gehäusewerkstoff	
Anschluß	
Anschlußschema	

2-Leiter AC/DC Schließer / Öffner programmierbar

20 ... 250 AC/DC
350 AC (... +50°C); 250 AC (... +80°C); 100 DC $\hat{I}$: 2,2 A (20ms / 0,5 Hz)
5
—
—
< 6,5 AC / 6,0 DC
< 2,5 (250V AC); < 1,3 (110V AC); < 0,8 (24V DC)
—
25 AC / 70 DC
10 ± 10%
0 ... 8,1
-10 ... +10
1 ... 15
Stahl (St37) = 1; V2A ca. 0,7; Messing ca. 0,4; Al ca. 0,3; Cu ca. 0,2
LED gelb
-25 ... +80
IP 65 
prEN 60947-5-2 Annex X; EN 55011 Klasse B
PBTP; Schrägstück Polycarbonat
Klemmen bis 2,5mm ²



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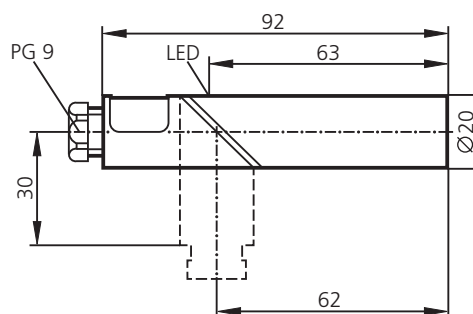
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Plastic housing Ø 20mm

Terminals

Sensing range 10mm [nf]

non-flush mountable



Electrical design Output

Operating voltage	[V]
Current rating (continuous)	[mA]
Current rating (peak)	[mA]
Minimum load current	[mA]
Short-circuit protection	
Reverse polarity / overload protection	
Voltage drop	[V]
Leakage current	[mA]
Current consumption	[mA]
Switching frequency	[Hz]

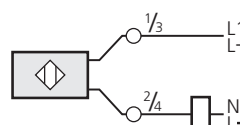
Real sensing range S_r	[mm]
Operating distance	[mm]
Switch-point drift	[% of S_r]
Hysteresis	[% of S_r]
Correction factors	

Output status indication	
Operating temperature	[°C]
Protection	
EMC	
Housing material	
Connection	
Wiring	

2-wire AC/DC normally open / normally closed programmable

20 ... 250 AC/DC
350 AC (... +50°C); 250 AC (... +80°C); 100 DC $\hat{I}$: 2.2 A (20ms / 0.5 Hz)
5
—
—
< 6.5 AC / 6.0 DC
< 2.5 (250V AC); < 1.3 (110V AC); < 0.8 (24V DC)
—
25 AC / 70 DC
10 ± 10%
0 ... 8.1
-10 ... +10
1 ... 15
mild steel = 1; stainless steel approx. 0.7; brass approx. 0.4; Al approx. 0.3; Cu approx. 0.2

LED yellow
-25 ... +80
IP 65 
prEN 60947-5-2 annex X; EN 55011 class B
PBTP; end cap: polycarbonate
terminals up to 2.5mm ²



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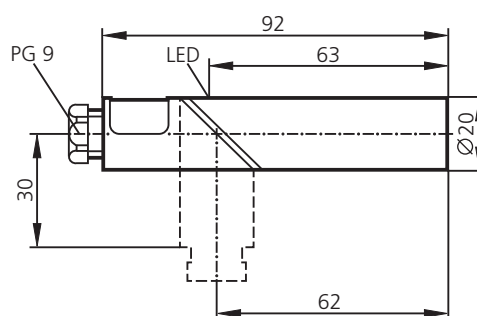
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Boîtier plastique Ø 20mm

Boîte de raccordement

Portée 10mm [nb]

non encastrable



Technologie Sortie

Tension d'alimentation	[V]
Courant de sortie (au maintien)	[mA]
Courant de sortie (à l'appel)	[mA]
Courant de sortie minimum	[mA]
Protégé: courts-circuits	
Protégé: inv. de pol. et surcharges	
Chute tension / charge maxi	[V]
Courant résiduel	[mA]
Consommation	[mA]
Fréquence de commutation	[Hz]

Portée réelle S_r	[mm]
Portée de travail	[mm]
Dérive du point de comm.	[% de S_r]
Hystérésis	[% de S_r]
Facteurs de correction	

Indication de commutation	
Température ambiante	[°C]
Protection	
CEM	
Boîtier	
Raccordement	
Schéma de branchement	

2 fils AC/DC normalement ouvert / normalement fermé programmable

20 ... 250 AC/DC
350 AC (... +50°C); 250 AC (... +80°C); 100 DC î: 2,2 A (20ms / 0,5 Hz)
5
—
—
< 6,5 AC / 6,0 DC
< 2,5 (250V AC); < 1,3 (110V AC); < 0,8 (24V DC)
—
25 AC / 70 DC
10 ± 10%
0 ... 8,1
-10 ... +10
1 ... 15
acier = 1; V2A (303) env. 0,7; laiton env. 0,4; Al env. 0,3; Cu env. 0,2
LED jaune
-25 ... +80
IP 65 
prEN 60947-5-2 annexe X; EN 55011 classe B
PBTP; polycarbonate
bornes jusqu'à 2,5mm ²

