

IM5068

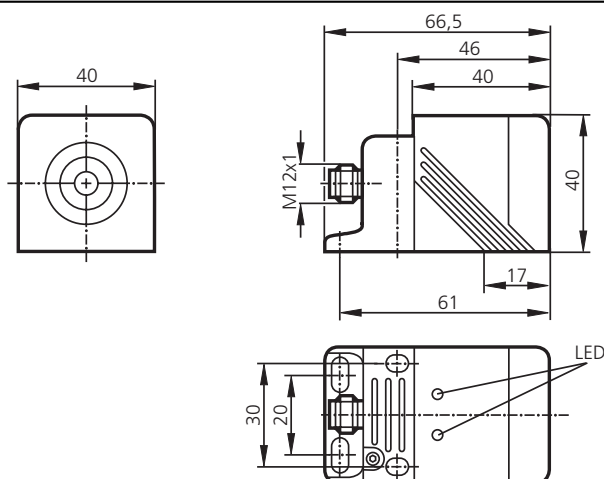
IMC4020BCPKG/US

Quaderförmig Kunststoff

Steckverbindung

Schaltabstand 20mm [b]

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	

Anzeige Schaltzustand Betrieb	
Umgebungstemperatur	[°C]
Schutzart, Schutzklasse	
EMV	
Gehäusewerkstoff	
Anschluß	
Anschlußschema	

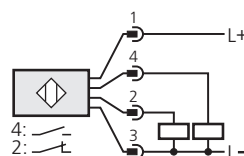
4-Leiter DC PNP

Schließer / Öffner antivalent

10 ... 36 DC
250
—
—
•
•
< 2,5
—
< 20 (24 V)
200

20 ± 10%
0 ... 16,2
-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 LED grün
-25 ... +70
IP 67 
EN 60947-5-2 EN 55011 Klasse B
Gehäuse: PBTP; Deckel: PPE; Steckergehäuse: Messing; Schelle PPS
M12-Steckverbindung



IM5068

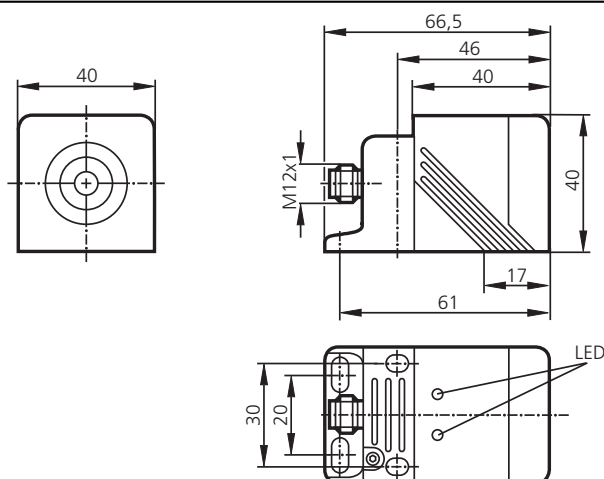
IMC4020BCPKG/US

Rectangular Plastic

Plug and socket

Sensing range 20mm [f]

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	

Indication	
Switching status	
Operation	

Operating temperature	[°C]
-----------------------	------

Protection	
------------	--

EMC	
-----	--

Housing material	
------------------	--

Connection	
------------	--

Wiring	
--------	--

4-wire DC PNP

normally open / closed complementary

10 ... 36 DC
250
—
—
•
•
< 2.5
—
< 20 (24 V)
200

20 ± 10%
0 ... 16.2
-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

LED green

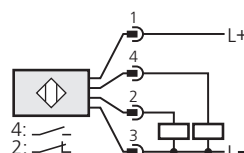
-25 ... +70

IP 67

EN 60947-5-2
EN 55011 class B

housing: PBTP; cover: PPE; plug housing: brass; bracket PPS

M12 connector

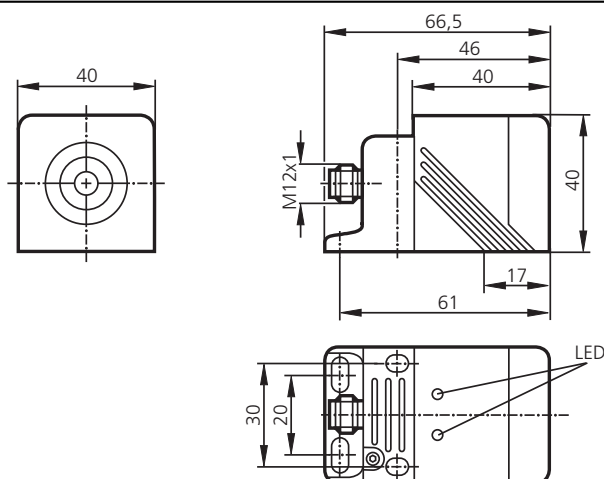


IM5068

IMC4020BCPKG/US

Plastique

 Raccordement par
connecteur

 Portée 20mm [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	
Indication disponibilité	
Température ambiante	[°C]
Protection	
CEM	
Boîtier	
Raccordement	
Schéma de branchement	

4 fils DC PNP

normalement ouvert / fermé antivalente

10 ... 36 DC
250
—
—
•
•
< 2,5
—
< 20 (24 V)
200

20 ± 10%
0 ... 16,2
-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 LED verte
-25 ... +70
IP 67 
EN 60947-5-2 EN 55011 classe B
boîtier PBTP; capot: PPE; embase: laiton; bride: PPS
embase M12

