

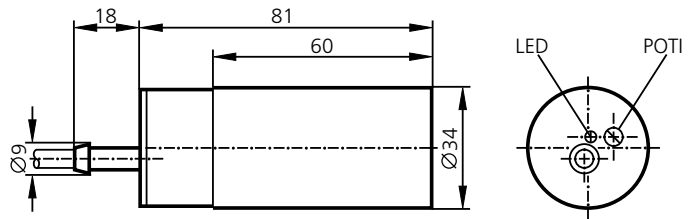
KB 0025

KB-2020-ABOA

Kunststoffhülse Ø 34 mm

Anschlußleitung

Schaltabstand 3 ... 20mm
einstellbar
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]

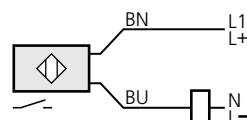
Realschaltabstand S_r	[mm]
Arbeitsabstand	[mm]
Schaltpunktdrift	[% von S_r]
Hysterese	[% von S_r]
Korrekturfaktoren	

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

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

2-Leiter AC/DC Schließer

20 ... 250 AC/ DC
250 (... +50°C), 200 (... +70°C) \hat{i} : 2,2 A (20ms / 1Hz)
4
—
—
< 6 AC/DC
< 2,0 / 250 V AC; < 1,5 / 110 V AC; < 0,8 / 24 V DC
—
40 DC / 25 AC
20 ±10%
0 ... 16,2
-10 ... +10
1 ... 15
Wasser = 1; Glas ≈ 0,4; Keramik ≈ 0,2; PVC ≈ 0,2
gelb
-25 ... +80
IP 65
prEN 60947-5-2 Annex X EN 55011 Klasse B
PBTP
PVC-Kabel, 2m, 2 x 0,5mm ²



KB 0025

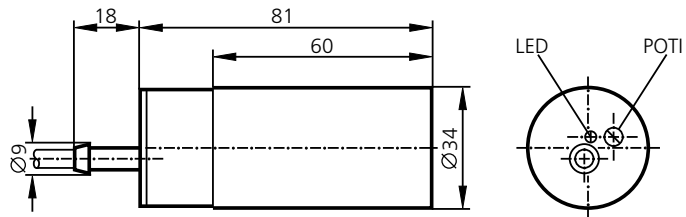
KB-2020-ABOA

Plastic housing \varnothing 34 mm

Cable

Sensing range 3 ... 20mm
adjustable

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	

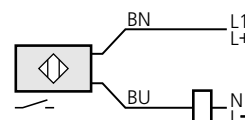
Output status indication	
Operating temperature	[°C]
Protection	
EMC	
Housing material	
Connection	

Wiring

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

2 wire AC/DC normally open

Operating voltage	20 ... 250 AC/ DC
Current rating (continuous)	250 (... +50°C), 200 (... +70°C) \hat{i} : 2.2 A (20ms / 1Hz)
Current rating (peak)	4
Minimum load current	—
Short circuit protection	—
Reverse polarity / overload protection	—
Voltage drop	< 6 AC/DC
Leakage current	< 2.0 / 250 V AC; < 1.5 / 110 V AC; < 0.8 / 24 V DC
Current consumption	—
Switching frequency	40 DC / 25 AC
Real sensing range S_r	20 \pm 10%
Operating distance	0 ... 16.2
Switch-point drift	-10 ... +10
Hysteresis	1 ... 15
Correction factors	water = 1; glass \approx 0.4; ceramics \approx 0.2; PVC \approx 0.2
Output status indication	gelb
Operating temperature	-25 ... +80
Protection	IP 65 
EMC	prEN 60947-5-2 Annex X EN 55011 class B
Housing material	PBTP
Connection	PVC cable, 2m, 2 x 0.5mm ²



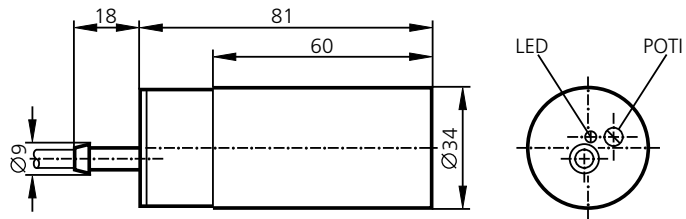
KB 0025

KB-2020-ABOA

Boîtier plastique Ø 34 mm

Raccordement par câble

Portée 3 ... 20mm
réglable
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 Sr	[mm]
Portée de travail	[mm]
Dérive du point de commm.	[% de Sr]
Hystérésis	[% de Sr]
Facteurs de correction	

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

Schéma de branchement

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

2-fils AC/DC normalement ouvert

20 ... 250 AC/ DC
250 (... +50°C), 200 (... +70°C) î: 2,2 A (20ms / 1Hz)
4
—
—
< 6 AC/DC
< 2,0 / 250 V AC; <1,5 / 110 V AC; < 0,8 / 24 V DC
—
40 DC / 25 AC
20 ±10%
0 ... 16,2
-10 ... +10
1 ... 15
eau = 1; verre ≈ 0,4; céramique ≈ 0,2; PVC ≈ 0,2
gelb
-25 ... +80
IP 65
prEN 60947-5-2 Annexe X EN 55011 classe B
PBTP
câble PVC, 2m, 2 x 0,5mm ²

