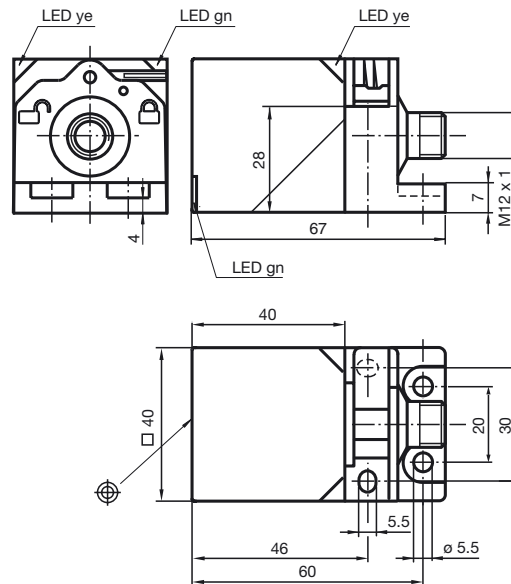


Inductive proximity switches

NRB20-L3-A2-C-V1

Reduction factor = 1
20 mm embeddable
Quick mounting shutter
4-way LED indicator
Resistant to welding



General specifications	
Switching element function	PNP Antivalent
Rated operating distance s_n	20 mm
Installation	embeddable
Output polarity	DC
Assured operating distance s_a	0 ... 16.2 mm
Reduction factor r_{Al}	1
Reduction factor r_{Cu}	1
Reduction factor r_{V2A}	1
Reduction factor r_{Si37}	1
Nominal ratings	
Operating voltage U_B	10 ... 30 V
Switching frequency f	0 ... 100 Hz
Hysteresis H	3 ... 15 %
Reverse polarity protection	protected against reverse polarity
Short-circuit protection	pulsing
Voltage drop U_d	≤ 2.5 V
Operating current I_L	0 ... 200 mA
No-load supply current I_0	≤ 25 mA
Alternating magnetic field B	160 mT
Operating voltage display	LED, green
Indication of the switching state	LED, yellow
Standard conformity	
Standards	IEC / EN 60947-5-2:2004
Ambient conditions	
Ambient temperature	-25 ... 70 °C (248 ... 343 K)
Mechanical specifications	
Connection type	V1-connector
Housing material	GD-ZnAl4Cu1, coated mounting flange PA6-GF35
Sensing face	PA 6 Grivory GVN-35H
Protection degree	IP67
Mass	180 g
Approvals and certificates	
UL approval	cULus Listed, General Purpose

Connection type:

A2

