

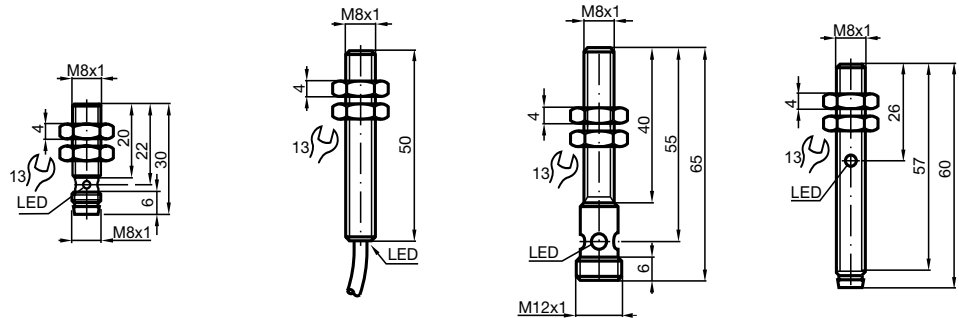
Cylindrical Type

DC

3-wire

Basic series

1.5 mm embeddable



CE

Rated operating distance s_n	1,5 mm	1,5 mm	1,5 mm	1,5 mm
Installation	embeddable	embeddable	embeddable	embeddable
PNP Make function	NBB1,5-8GM20-E2-V3	NBB1,5-8GM50-E2	NBB1,5-8GM40-E2-V1	NBB1,5-8GM50-E2-V3
NPN Make function		NBB1,5-8GM50-E0	NBB1,5-8GM40-E0-V1	NBB1,5-8GM50-E0-V3
Assured operating distance s_a	0 ... 1,215 mm	0 ... 1,215 mm	0 ... 1,215 mm	0 ... 1,215 mm
Reduction factor r_{Al}	0,45	0,45	0,45	0,45
Reduction factor r_{Cu}	0,4	0,35	0,35	0,35
Reduction factor r_{V2A}	0,85	0,75	0,75	0,75
Operating voltage U_B	10 ... 30 V	10 ... 30 V	10 ... 30 V	10 ... 30 V
Operating current I_L	0 ... 200 mA	0 ... 100 mA	0 ... 100 mA	0 ... 100 mA
Switching frequency f	2000 Hz	1500 Hz	1500 Hz	1500 Hz
No-load supply current I_0	10 mA	15 mA	15 mA	15 mA
Off-state current I_r	0,1 mA	0,5 mA	0,5 mA	0,5 mA
Voltage drop U_d	2 V	3 V	3 V	3 V
Short circuit protection	pulsing	pulsing	pulsing	pulsing
Polarity reversal protected	yes	yes	yes	yes
Indication of the switching state	LED, yellow	LED, yellow	ring LED, yellow	LED, yellow
Standard conformity	EN 60947-5-2	EN 60947-5-2	EN 60947-5-2	EN 60947-5-2
Ambient temperature	-25 ... 70 °C	-25 ... 70 °C	-25 ... 70 °C	-25 ... 70 °C
Protection degree	IP67	IP67	IP67	IP67
Connection type	V3-connector	2 m, PVC-cable	V1-connector	V3-connector
Core cross-section	-	0,14 mm ²	-	-
Housing material	brass, nickel plated	brass	brass, nickel plated	brass, nickel plated
Sensing face	PBT	PBT	PBT	PBT

Connection:

