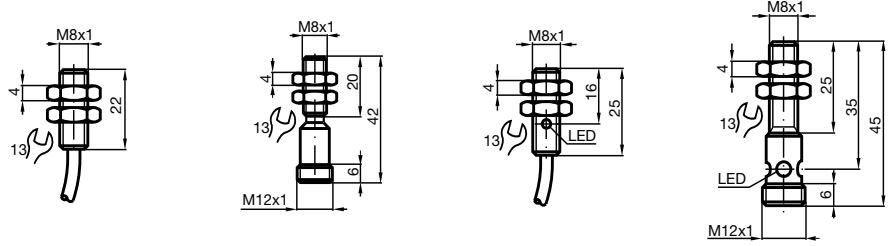


# Cylindrical Type

# NAMUR

# 2-wire

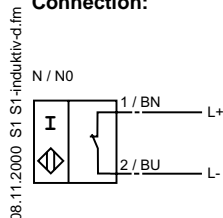
Comfort series  
1.5 mm embeddable



CE

Rated operating distance $s_n$	1,5 mm	1,5 mm	1,5 mm	1,5 mm
Installation	embeddable	embeddable	embeddable	embeddable
NAMUR NC	<b>NJ1,5-8GM-N</b>	<b>NJ1,5-8GM-N-V1</b>	<b>NCB1,5-8GM25-N0</b>	<b>NCB1,5-8GM25-N0-V1</b>
Reduction factor $r_{V2A}$	0,85	0,85	0,65	0,65
Reduction factor $r_{AI}$	0,4	0,4	0,22	0,22
Reduction factor $r_{Cu}$	0,3	0,3	0,19	0,19
Assured operating distance $s_a$	0 ... 1,215 mm	0 ... 1,215 mm	0 ... 1,215 mm	0 ... 1,215 mm
Nominal voltage $U_o$	8 V	8 V	8 V	8 V
Current consumption				
Measuring plate detected	1 mA	1 mA	1 mA	1 mA
Measuring plate not detected	3 mA	3 mA	3 mA	3 mA
Switching frequency $f$	5000 Hz	5000 Hz	5000 Hz	5000 Hz
Indication of the switching state	-	-	LED, yellow	ring LED, yellow
EMC in accordance with	EN 60947-5-2	EN 60947-5-2	EN 60947-5-2	EN 60947-5-2
Standard conformity	DIN EN 60947-5-6	DIN EN 60947-5-6	DIN EN 60947-5-6	DIN EN 60947-5-6
Effective internal capacitance $C_i$	30 nF	30 nF	71 nF	71 nF
Effective internal inductance $L_i$	50 $\mu$ H	50 $\mu$ H	50 $\mu$ H	50 $\mu$ H
Ambient temperature	-25 ... 100 °C	-25 ... 100 °C	-25 ... 100 °C	-25 ... 100 °C
Protection degree	IP67	IP67	IP67	IP67
Connection type	2 m, PVC-cable	V1-connector	2 m, PVC-cable	V1-connector
Core cross-section	0,14 mm <sup>2</sup>	-	0,14 mm <sup>2</sup>	-
Housing material	high grade steel	high grade steel	high grade steel	high grade steel
Sensing face	PBT	PBT	PBT	PBT

Connection:



inductive proximity switches