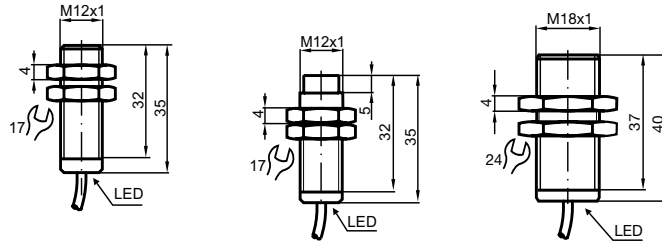


# Cylindrical Type

# NAMUR

# 2-wire

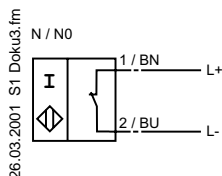
Comfort series  
 2 mm embeddable  
 4 mm not embeddable  
 5 mm embeddable



CE

Rated operating distance $s_n$	2 mm	4 mm	5 mm
Installation	embeddable	not embeddable	embeddable
NAMUR NC	<b>NCB2-12GM35-N0</b>	<b>NCN4-12GM35-N0</b>	<b>NCB5-18GM40-N0</b>
Assured operating distance $s_a$	0 ... 1,62 mm	0 ... 3,24 mm	0 ... 4,05 mm
Reduction factor $r_{V2A}$	0,7	0,74	0,74
Reduction factor $r_{AI}$	0,23	0,37	0,35
Reduction factor $r_{Cu}$	0,21	0,36	0,3
Nominal voltage $U_o$	8 V	8 V	8 V
Current consumption			
Measuring plate detected	1 mA	1 mA	1 mA
Measuring plate not detected	3 mA	3 mA	3 mA
Switching frequency $f$	2000 Hz	1800 Hz	1000 Hz
Indication of the switching state	all direction LED, yellow	all direction LED, yellow	all direction LED, yellow
EMC in accordance with	EN 60947-5-2	EN 60947-5-2	EN 60947-5-2
Standard conformity	DIN EN 60947-5-6 ("NAMUR")	DIN EN 60947-5-6 ("NAMUR")	DIN EN 60947-5-6 ("NAMUR")
Effective internal capacitance $C_i$	90 nF	95 nF	95 nF
Effective internal inductance $L_i$	100 $\mu$ H	100 $\mu$ H	100 $\mu$ H
Ambient temperature	-25 ... 100 °C	-25 ... 100 °C	-25 ... 100 °C
Protection degree	IP67	IP67	IP67
Connection type	2 m, PVC-cable	2 m, PVC-cable	2 m, PVC-cable
Core cross-section	0,34 mm <sup>2</sup>	0,34 mm <sup>2</sup>	0,75 mm <sup>2</sup>
Housing material	high grade steel	high grade steel	high grade steel
Sensing face	PBT	PBT	PBT

**Connection:**



26.03.2001 S1 Dokus3.fm