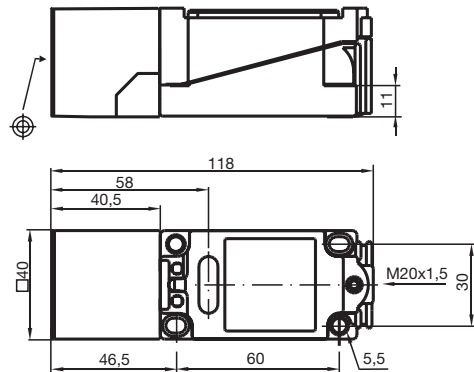


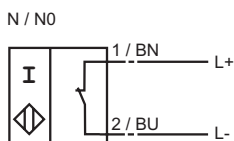
Comfort series
 15 mm embeddable
 Metric cable gland M20 x
 1.5



CE 0102

Switching element function	NAMUR NC
Rated operating distance s_n	15 mm
Installation	embeddable
Assured operating distance s_a	0 ... 12,15 mm
Reduction factor r_{AI}	0,4
Reduction factor r_{Cu}	0,3
Reduction factor r_{V2A}	0,85
Nominal voltage U_o	8 V
Switching frequency f	0 ... 150 Hz
Current consumption	
Measuring plate not detected	≥ 3 mA
Measuring plate detected	≤ 1 mA
EMC in accordance with	EN 60947-5-2
Standards	DIN EN 60947-5-6 (NAMUR)
Ambient temperature	-25 ... 100 °C (248 ... 373 K) ¹⁾
Connection type	terminal compartment
Core cross-section	up to 2.5 mm ²
Housing material	PBT
Sensing face	PBT
Protection degree	IP68

Connection_type:



Operating instructions for use in hazardous areas

Installation, startup

This product was developed and approved for use in hazardous areas in the protection category intrinsic safety according to EN 50014 and EN 50020.

The type test certificate and the applicable laws/guidelines for the use or planned purpose must be heeded.

Device must be protected from strong electromagnetic fields and mechanical damage.


The operating resource is to be installed into a housing in such a way that at least protection category IP 20 is met.

Maintenance, repair

No changes may be made to operating resources which are operating in hazardous areas.

Repairs to these operating resources are not possible

Data for Ex areas

Standard conformity	EN 50014:1997 EN 50020:1994
Marking	 II 2 G EEx ia IIC T6
Appropriate type	NJ 15+U.+N...
EC-Type Examination Certificate	PTB 00 ATEX 2032 X
Effective internal inductivity C_i	$\leq 140 \text{ nF}$
Effective internal inductance L_i	$\leq 130 \mu\text{H}^{2)}$