



Model Number

CJ15-40-N

Technical Data

General specifications

Switching element function		NAMUR, NO
Rated operating distance	s_n	15 mm
Installation		flush
Output polarity		NAMUR
Assured operating distance	s_a	0 ... 10.8 mm

Nominal ratings

Nominal voltage	U_o	8 V
Operating voltage	U_B	7 ... 12 V
Switching frequency	f	0 ... 10 Hz
Current consumption		
Measuring plate not detected		≤ 1 mA
Measuring plate detected		≥ 2.4 mA
Switching state indicator		LED, red

Standard conformity

EMC in accordance with	IEC / EN 60947-5-2:1999
Standards	DIN EN 60947-5-6 (NAMUR)

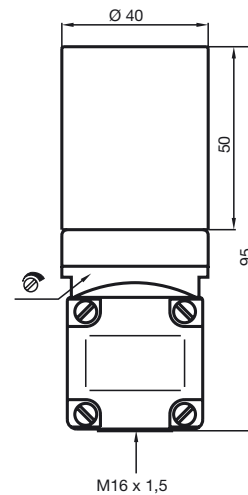
Ambient conditions

Ambient temperature	-25 ... 70 °C (-13 ... 158 °F)
---------------------	--------------------------------

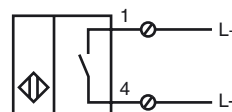
Mechanical specifications

Core cross-section	up to 2.5 mm ²
Housing material	PBT
Sensing face	PBT
Degree of protection	IP65

Dimensions



Electrical Connection



ATEX

Data for Ex areas

Effective internal inductivity	C_i	$\leq 140 \text{ nF}$
Effective internal inductance	L_i	$\leq 10 \text{ }\mu\text{H}$

Release date: 2015-02-24 10:31 Date of issue: 2015-02-24 013769_eng.xml