



Model Number

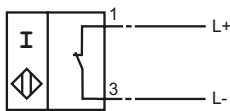
NCB1,5-8GM25-N0-V3-Y189382

Features

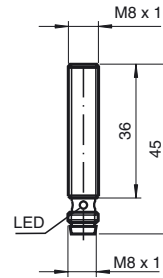
- Comfort series
- 1.5 mm embeddable

Connection

N / NO



Dimensions



Technical Data

General specifications

Switching element function		NAMUR, NC
Rated operating distance	s_n	1.5 mm
Installation		embeddable
Output polarity		NAMUR
Assured operating distance	s_a	0 ... 1.215 mm
Reduction factor r_{Al}		0.22
Reduction factor r_{Cu}		0.19
Reduction factor r_{304}		0.65

Nominal ratings

Nominal voltage	U_o	8 V
Switching frequency	f	0 ... 2000 Hz
Hysteresis	H	1 ... 10 typ. 3 %
Reverse polarity protected		reverse polarity protected
Short-circuit protection		yes
Current consumption		
Measuring plate not detected		≥ 3 mA
Measuring plate detected		≤ 1 mA
Indication of the switching state		Multihole-LED, yellow

Ambient conditions

Ambient temperature	-25 ... 100 °C (-13 ... 212 °F)
Storage temperature	-40 ... 100 °C (-40 ... 212 °F)

Mechanical specifications

Connection type	Device connector M8 x 1 , 3-pin
Housing material	Stainless steel 1.4305 / AISI 303
Sensing face	PBT
Protection degree	IP67

Compliance with standards and directives

Standard conformity	
NAMUR	EN 60947-5-6:2000 IEC 60947-5-6:1999
Standards	EN 60947-5-2:2007 IEC 60947-5-2:2007

Approvals and certificates

UL approval	cULus Listed, General Purpose
CSA approval	cCSAus Listed, General Purpose