

Inductive Proximity Switch - Namur

Series M08

Description KIB-M08EA/1,5-2G	Article number 6521601003
-------------------------------------	----------------------------------

Wiring Diagram

Current Characteristics

Identifying characteristics in accordance with DIN EN 60947-5-6

Electrical data		
Mounting		flush
Rated operating distance	S_n	1,5 mm (switching point 1,5 mA @ $U_n = 8 V$ and $R_i = 1 k\Omega$)
Standard target		8 mm x 8 mm, t=1 mm; material: FE
Wiederholgenauigkeit	R	< 5%
Rated voltage	U_n	DC 8 V
Rated operational voltage	U_e	DC 5 ... 25 V
Ripple		≤ 5%
Current input	I	> 3mA ($U_n = 8 V$ and $R_i = 1 k\Omega$) sensing face free < 1mA ($U_n = 8 V$ and $R_i = 1 k\Omega$) sensing face damping
Frequency of operating cycles	f	≈ 1 kHz
Self-inductance	L_i	30 μH
Self-capacitance	C_i	55 nF

Mechanical data	
Front cap	PA 6.6, blue
Enclosure	stainless steel (Niro 1.4306)
Ambient air temperature	-25 °C ... +60 °C
Type of protection	IP67
Termination type	Cable 2 x 0,25 mm ² , PVC - Outer jacket, blue
For attachment	2 x hexagon nut and 2 x toothed washer

EU Conformity	
acc. to directive 2014/34/EU (ATEX Directive)	

Label	
ATEX	II 3 G Ex ib IIC T6 Gc II 3 D Ex ib IIIC T70°C Dc

BERNSTEIN AG . Hans-Bernstein-Straße 1 . 32457 Porta Westfalica . www.bernstein.eu

Technical modifications and errors excepted.

The technical datasheet corresponds to the technical state as of 2020-04-08 and will not be removed in case of changes.