

Technical Data

Inductive Proximity Switch - Namur

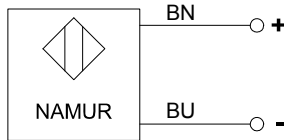


Series M8

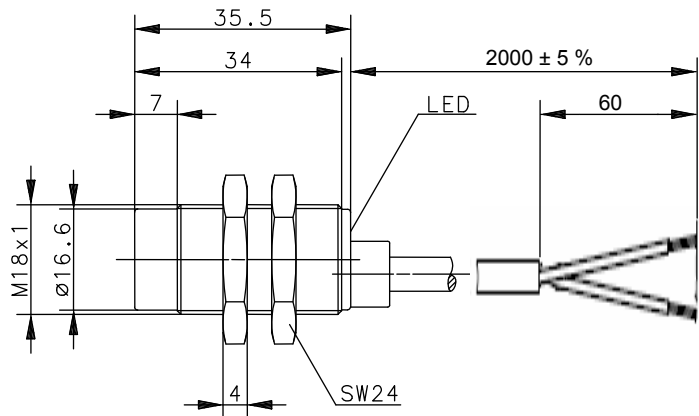
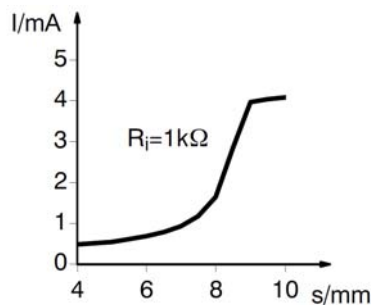
Description **KIN-M18EA/008-2G**

Article number **6521627001**

Wiring Diagram



Current Characteristics



Identifying characteristics in accordance with EN 60947-5-2

Electrical data

Mounting		non flush
Rated operating distance	S_n	8mm (switching point 1,5mA @ $U_n = 8V$ and $R_i = 1k\Omega$)
Standard target		18 x 18mm, t=1mm; material: FE
Wiederholgenauigkeit	R	< 5%
Rated voltage	U_n	DC 8V
Rated operational voltage	U_e	DC 5 ... 25V
Ripple		≤ 5%
Current input	I	> 3mA ($U_n = 8V$ and $R_i = 1k\Omega$) sensing face free < 1mA ($U_n = 8V$ and $R_i = 1k\Omega$) sensing face damping
Frequency of operating cycles	f	≈ 200Hz
Self-inductance	L_i	60μH
Self-capacitance	C_i	55nF

Mechanical Data

Front cap	PA6.6, blue
Enclosure	Brass, nickel plated
Ambient air temperature	-25°C ... +60°C
Type of protection	IP67
Termination type	Cable 2 x 0,5mm ² , PVC - Outer jacket, blue
For attachment	2 x hexagon nut

EC conformity

acc. to Directive 94 / 9 / EG

Label

ATEX	II 3 G Ex ib IIC T6 II 3 D Ex iD IIIC T70°C
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