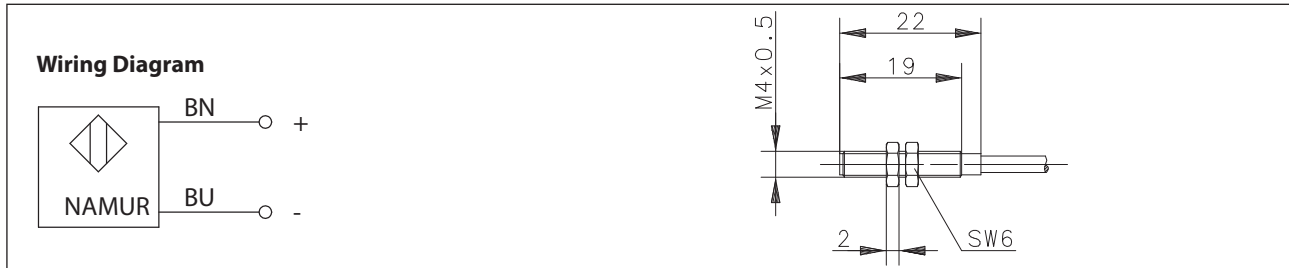


Inductive Proximity Switch

Series M04

Description **KIB-M04EA/0,6-2**

Article number **6501699006**



Identifying characteristics in accordance with EN 60947-5-6

Electrical data		
Mounting		flush
Rated operating distance	S_n	0,6 mm (@ 1,65mA)
Standard target		4 mm x 4 mm, t = 1 mm, material: FE360
Repeat accuracy	R	≤ 5 %
Rated voltage	U_n	DC 7,7 ... 9 V
Rated operational voltage	U_e	DC 5 ... 30 V
Ripple		≤ 5 %
Current input		> 2,2 mA ($U_n = 8 V$ and $R_i = 1 k\Omega$) sensing face free < 1 mA ($U_n = 8 V$ and $R_i = 1 k\Omega$) sensing face damping
Frequency of operating cycles	f	≤ 10 kHz
Self-inductance	L_i	320 μ H
Self-capacitance	C_i	8 nF
Vibratory stresses		10-55 Hz, a=1 mm
Shock resistance		30 g, $t_{stoss}=11$ ms

Mechanical Data	
Enclosure	brass, nickel plated
Ambient air temperature	-25 °C ... +70 °C
Type of protection	IP67
Termination type	Cable 2 x 0,055 mm ² x 2 m, PUR - Outer jacket
For attachment	2 x hexagon nut

EU Conformity
acc. to directive 2004 / 108 / EC