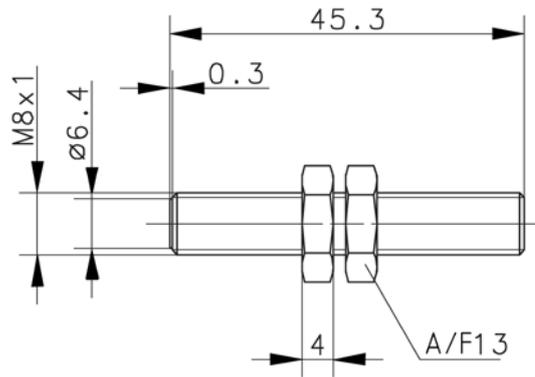
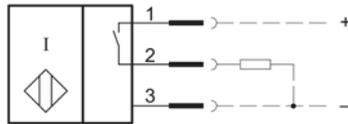


Wiring Diagram



Technical Data according to EN 60947-5-2

Electrical Data

Operational voltage range	U_B	10 – 36V DC
Rated insulation voltage	U_i	75V DC
Rated impulse withstand voltage	U_{imp}	500V
Voltage drop	U_d	≤ 2.5V incl. ripple frequency
Utilization category		DC-13 @ $I_e = 50mA$ and $U_e = 33V$ DC
Rated operational current	I_e	≤ 200mA
Off-state current	I_0	≤ 11mA
No-load supply current		IP 65 (only in fully locked position with it's plugs)
Type of protection		pulsed
Rated operating distance	s_n	1.5mm
Assured operating distance	s_a	0 ... 1.2mm
Repeat accuracy	R	≤ 5%
Differential travel (hysteresis)	H	≈ 10%
Switching frequency	f	1000Hz
Switching function		DC, N.O.
Mounting		flush
False polarity protection		yes
Output		permanent overload and s.c.p.
Time delay before availability	t_v	≤ 50ms

Elektromagnetic compatibility (EMC)

Electromagnetic field test	IEC 61000-4-3
Electrostatic discharge test	IEC 61000-4-2
Electrical fast transient immunity test	IEC 61000-4-4
Radiated disturbance field strength	EN55011
Impulse voltage withstandability	IEC 255-5

Mechanical Data

Operating temperature	-25°C ... +70°C
Front cap	PA 6, black
Housing	stainless steel (Niro 1.4401)
Termination type	plug socket M8x1
For attachment	2 x hexagon nut (brass, nickel plated)