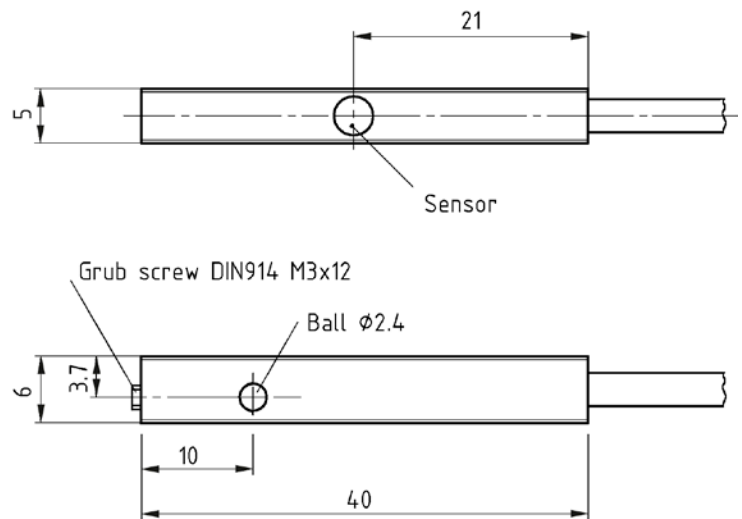
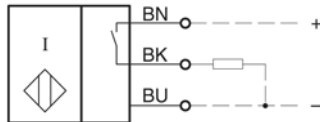


Wiring Diagram

Technical Data according to EN 60947-5-2
Electrical Data

Operational voltage range	U_B	10 – 30 V DC
Rated insulation voltage	U_i	500 V
Voltage drop	U_d	≤ 3.5 V with $I_e = 100$ mA
Utilisation category		DC-13
Rated operational current	I_e	max. 100 mA
No-load supply current	I_0	≤ 10 mA
Type of protection		IP 67
Short-circuit protection		pulsed
Rated operating distance	s_n	1 mm
Assured operating distance	s_a	$\leq 0,8$ mm
Repeat accuracy	R	0,1 mm
Differential travel (hysteresis)	H	1 ... 20%
Switching frequency	f	max. 2000 Hz
Switching function		PNP-N/O
Mounting		flush
False polarity protection		yes
Output		permanent overload and s.c.p.
Time delay before availability	t_v	≤ 50 ms

Mechanical Data

Operating temperature	-25°C ... +70°C
Housing	Al
Type of connection	Cable 3 x 0.14 mm ² x 10 m; PUR - Outer jacket, grey