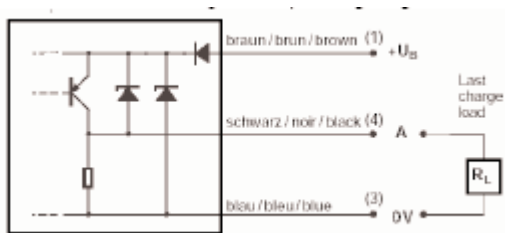
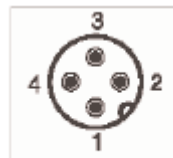




Wiring Diagram



K1 Connection Diagram



TECHNICAL SPECIFICATIONS

Nominal Sensing Distance $S_n$	1.5 mm
Operating Distance	-
Differential Travel	10% Typ
Repeat Accuracy R	2%
Operating Voltage $U_b$	10-30VDC
Ripple $U_{pp}$	<20% $U_b$
No-load Supply	20mA
Load Current $I_a$	<200mA
Leakage Current	<10uA
Voltage Drop $U_d$	1.2V max.
Output Type	PNP or NPN NO or NC
Switching Frequency	2KHz
Time Delay Before Availability $t_v$	100ms
Supply Electrical Protections	polarity reversal, transient
Output Electrical Protections	short circuit protection (autoreset)
Ambient Temperature $T_a$	-25--+80C
Temperature Drift	+/- 10% SR
Protection Degree (DIN 40 050)	IEC IP68
LED Indicators	Yellow (NO output energized)
Housing Material	stainless steel
Sensing Face Material	ZrO <sub>2</sub>
Tightening Torque	-
Weight (approximate)	30g (K1)
Operating Pressure	500 Bars Max
Peak Pressure	800 Bars Max
Vacuum Down	10 <sup>-8</sup> Torr