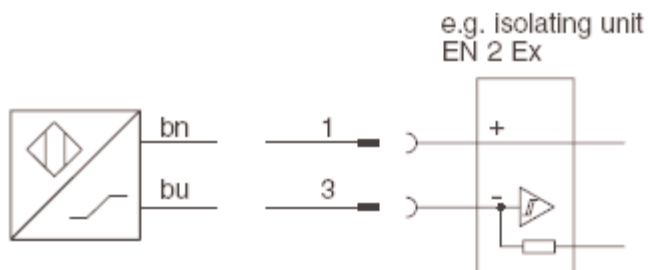
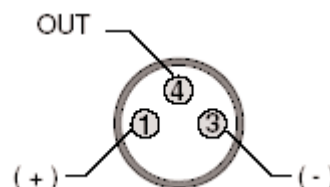


Wiring Diagram



E1 Connection Diagram



TECHNICAL SPECIFICATIONS

Nominal Sensing Distance S_n	1.5mm	2.5mm
Supply Voltage NAMUR	7.7-9VDC	7.7-9VDC
Operating Voltage U_b	5-30VDC	5-30VDC
Ripple U_{pp}	<10% U_b	<10% U_b
C_{eq} max (EX)	<100nF	<100nF
L_{eq} max (EX)	<100uH	<100uH
V max (EX)	13.5 V	13.5 V
I max (EX)	100mA	100mA
Output Type	NAMUR PNP/NPN-NC	NAMUR PNP/NPN-NC
Switching Frequency	5KHz	3KHz
Time Delay Before Availability t_v	10ms	10ms
Power Consumption attenuated	<1.0mA	<1.0mA
Power Consumption unattenuated	<2.2mA	<2.2mA
Ambient Temperature T_a	-25--+70C	-25--+70C
Temperature Drift	+/- 10% SR	+/- 10% SR
Protection Degree (DIN 40 050)	IEC IP67	IEC IP67
LED Indicators	NA	NA
Housing Material	stainless steel	stainless steel
Sensing Face Material	PBT	PBT
Tightening Torque	2Nm	2Nm