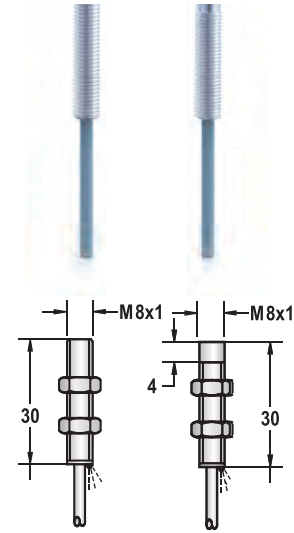
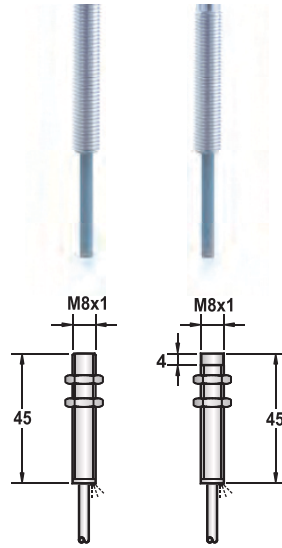


METAL FACE INDUCTIVE PROXIMITY SENSOR

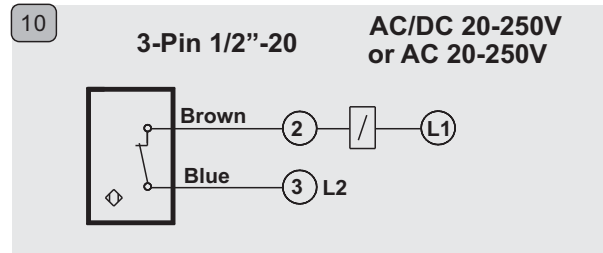
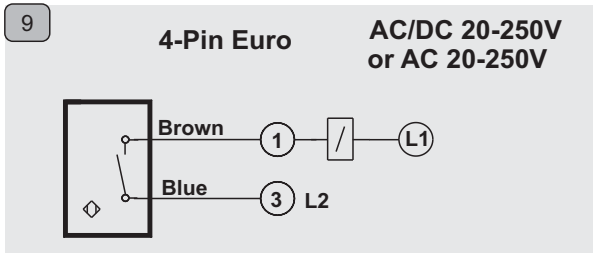
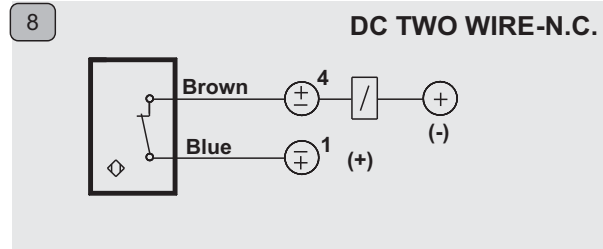
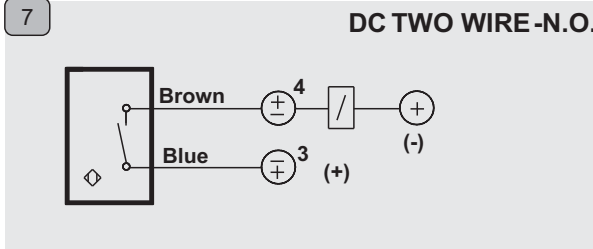
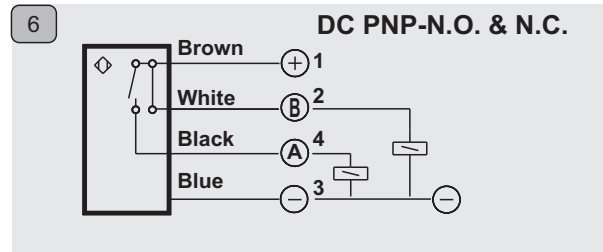
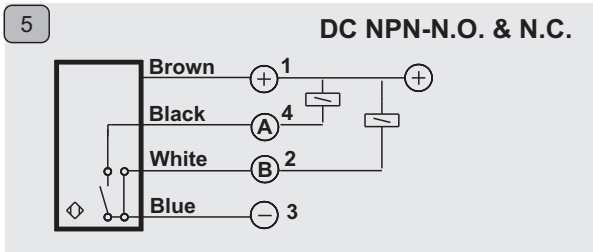
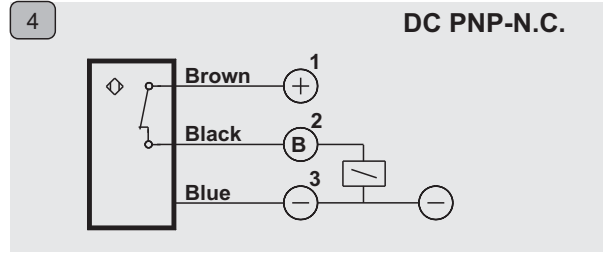
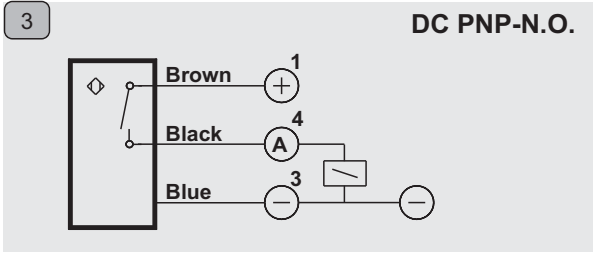
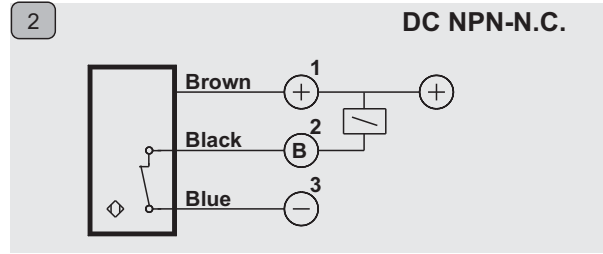
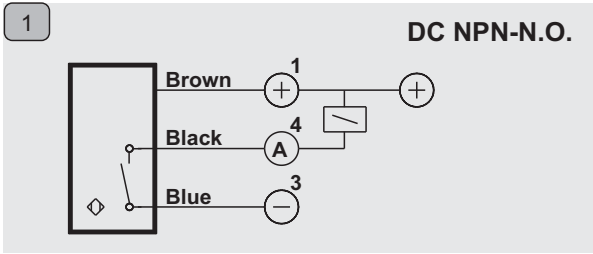


Diameter	M8				M8			
	● Flush	○ Non-flush	● 1mm	○ 2mm	● 1mm	○ 2mm	● 1mm	○ 2mm
Switching Distance Sn:mm			1mm	2mm	1mm	2mm	1mm	2mm
LED Indicator			Yes		Yes			
Operating Voltage			10 - 30 vdc		10 - 30 vdc			
Ripple			<10%		<10%			
No Load Current			<10mA		<10mA			
Max Load Current			200mA		200mA			
Leakage Current			<0.01mA		<0.01mA			
Voltage Drop			<1.5v		<1.5v			
Switching Frequency			1 KHz	700 Hz	1 KHz	700 Hz		
Response Time			0.5ms/0.5ms	0.7ms/0.7ms	0.5ms/0.5ms	0.7ms/0.7ms		
Switching Hysteresis			<15%(Sr)		<15%(Sr)			
Repeat Accuracy			<1%(Sr)	<2%(Sr)	<1%(Sr)	<2%(Sr)		
Enclosure Rating			IP67		IP67			
Operating Temperature			-25C+70C		-25C+70C			
Temperature Drift			<10%(Sr)		<10%(Sr)			
Protection			Short Circuit, Reverse Polarity		Short Circuit, Reverse Polarity			
Connection Type			3-wire, 2-meter Cable		3-wire, 2-meter Cable			
Material Tube/Face			Stainless Steel		Stainless Steel			
Cable Material			PVC		PVC			
Product Style	Wiring Diag.	2-meter Cable			2-meter Cable			
NPN N.O.	1	KF1SF-M0801N-O3U2	KF1SN-M0802N-O3U2	KF1SF-M0801N-O3S2	KF1SN-M0802N-O3S2			
NPN N.C.	2	KF1SF-M0801N-C3U2	KF1SN-M0802N-C3U2	KF1SF-M0801N-C3S2	KF1SN-M0802N-C3S2			
PNP N.O.	3	KF1SF-M0801P-O3U2	KF1SN-M0802P-O3U2	F1SF-M0801P-O3S2	F1SN-M0802P-O3S2			
PNP N.C.	4	KF1SF-M0801P-C3U2	KF1SN-M0802P-C3U2	F1SF-M0801P-C3S2	F1SN-M0802P-C3S2			

Note: See Terminal Connection page for wiring diagram

TERMINAL CONNECTIONS:

Note: For cable version use color code, for connectors use pin numbers



12mm 4-Pin Micro DC



1/2"-20 3-Pin Micro AC



8mm 3-Pin Pico DC

Sensor View