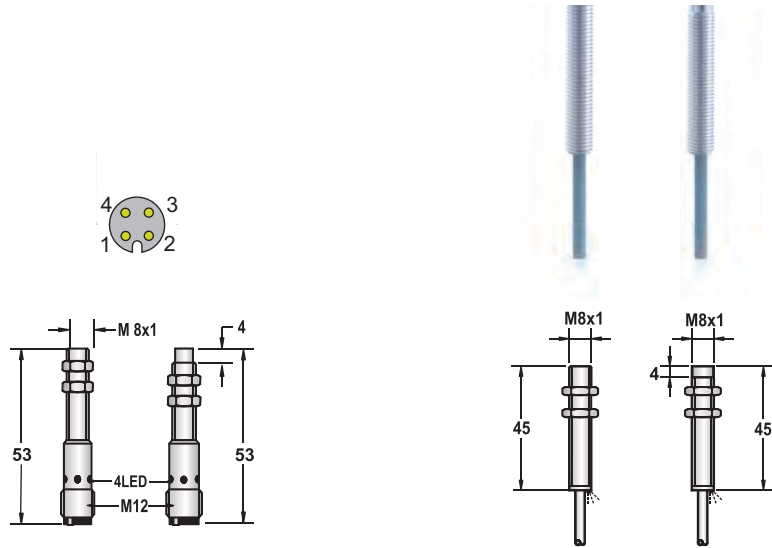


METAL FACE INDUCTIVE PROXIMITY SENSOR

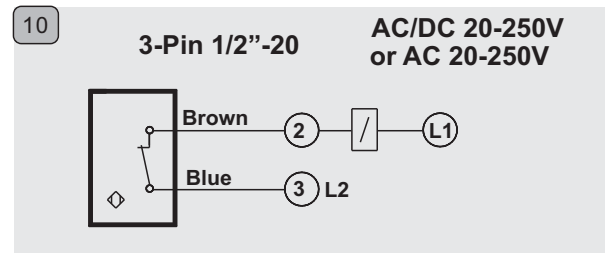
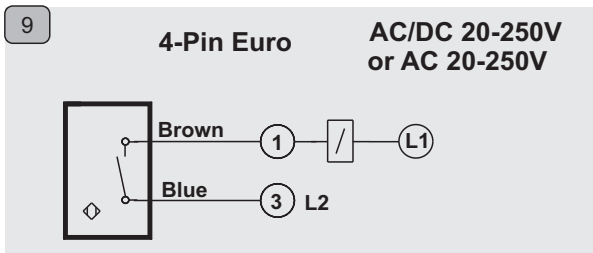
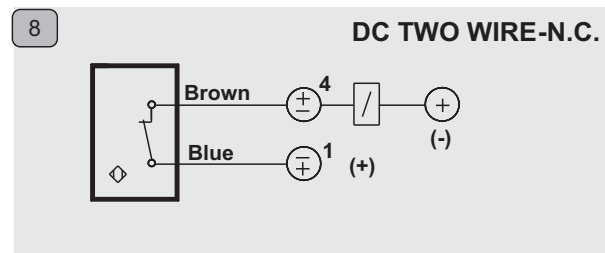
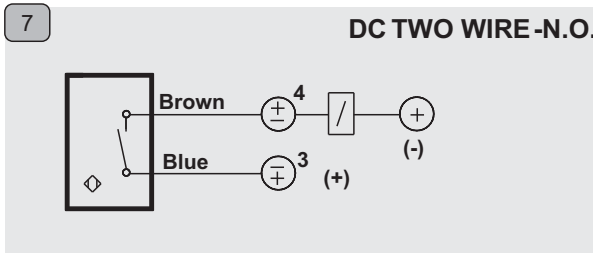
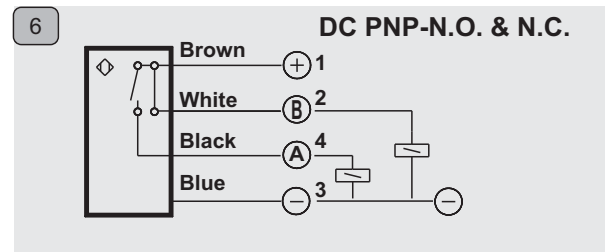
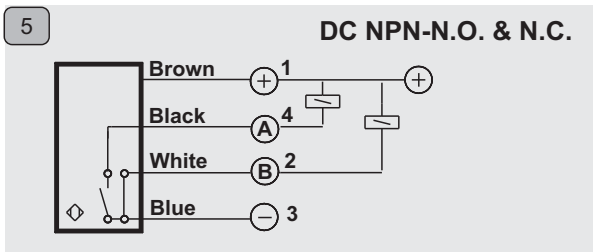
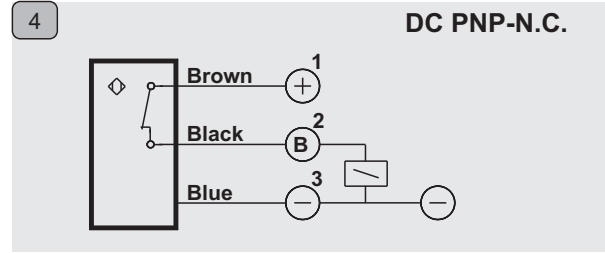
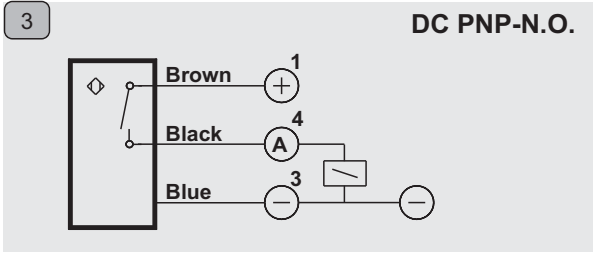
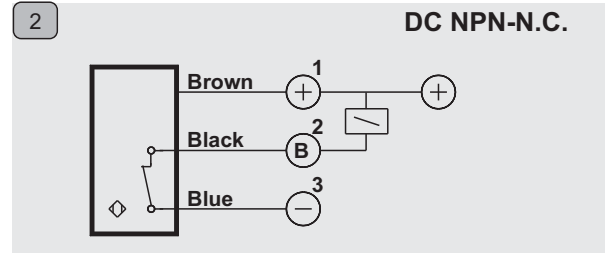
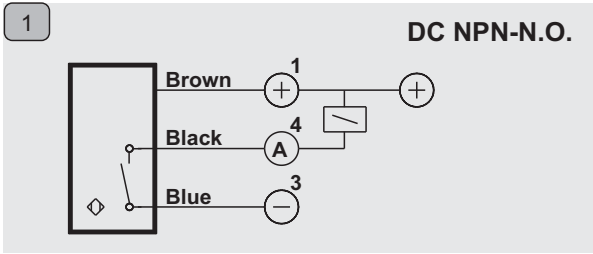


Diameter	M8 - Micro 4-pin		M8					
	● Flush	○ Non-flush	●	○				
Switching Distance Sn:mm			1mm	2mm	2mm	3.5mm		
LED Indicator	Yes		Yes		Yes			
Operating Voltage	10 - 30 vdc		10 - 30 vdc		10 - 30 vdc			
Ripple	<10%		<10%		<10%			
No Load Current	<10mA		<10mA		<10mA			
Max Load Current	200mA		200mA		200mA			
Leakage Current	<0.01mA		<0.01mA		<0.01mA			
Voltage Drop	<1.5v		<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		0.2ms/0.2ms	
Switching Hysteresis	<15%(Sr)		<15%(Sr)		<15%(Sr)		<15%(Sr)	
Repeat Accuracy	<1%(Sr)		<2%(Sr)		<2%(Sr)		<3%(Sr)	
Enclosure Rating	IP67		IP67		IP67		IP67	
Operating Temperature	-25C+70C		-25C+70C		-25C+70C		-25C+70C	
Temperature Drift	<10%(Sr)		<10%(Sr)		<10%(Sr)		<10%(Sr)	
Protection	Short Circuit, Reverse Polarity		Short Circuit, Reverse Polarity		Short Circuit, Reverse Polarity		Short Circuit, Reverse Polarity	
Connection Type	4-pin Micro DC		4-pin Micro DC		2-meter Cable		2-meter Cable	
Material Tube/Face	Stainless Steel		Stainless Steel		Stainless Steel		Stainless Steel	
Cable Material	-		-		PVC		PVC	
Product Style	Wiring Diag.	4-pin Micro DC		2-meter Cable				
NPN N.O.	1	KF1SF-M0801N-OES4	KF1SN-M0802N-OES4	KF1SF-M0802N-O3U2	KF1SN-M083.5N-O3U2			
NPN N.C.	2	KF1SF-M0801N-CES4	KF1SN-M0802N-CES4	KF1SF-M0802N-O3U2	KF1SN-M083.5N-C3U2			
PNP N.O.	3	KF1SF-M0801P-OES4	KF1SN-M0802P-OES4	KF1SF-M0802P-O3U2	KF1SN-M083.5P-O3U2			
PNP N.C.	4	KF1SF-M0801P-CES4	KF1SN-M0802P-CES4	KF1SF-M0802P-O3U2	KF1SN-M083.5P-C3U2			

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