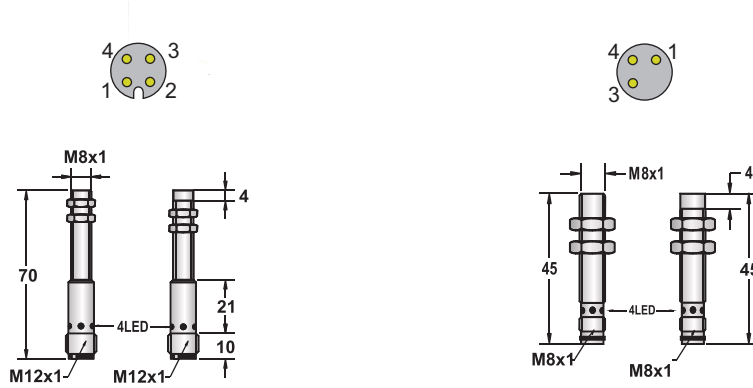


METAL FACE INDUCTIVE PROXIMITY SENSOR

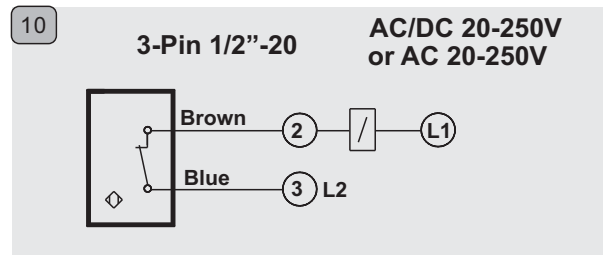
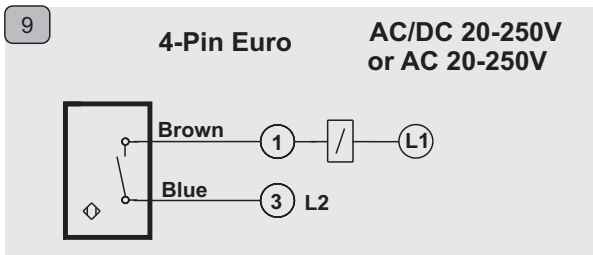
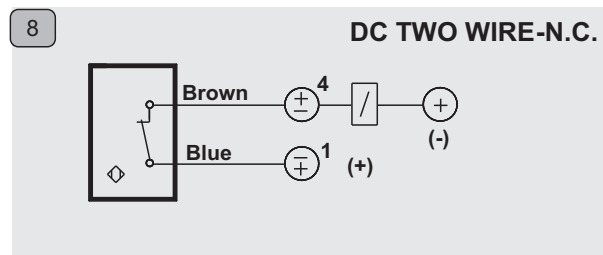
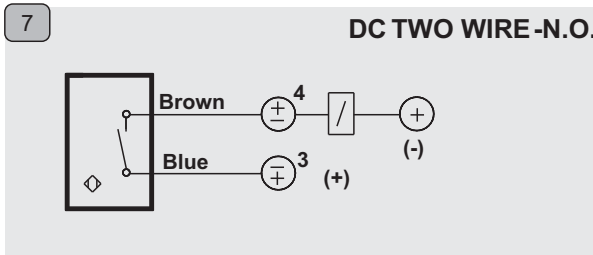
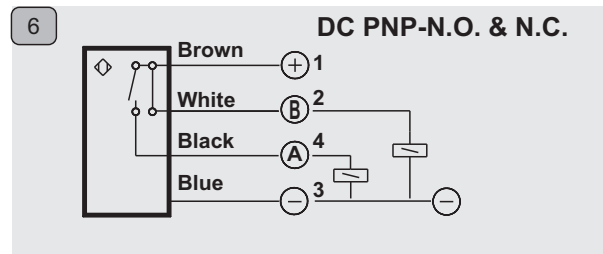
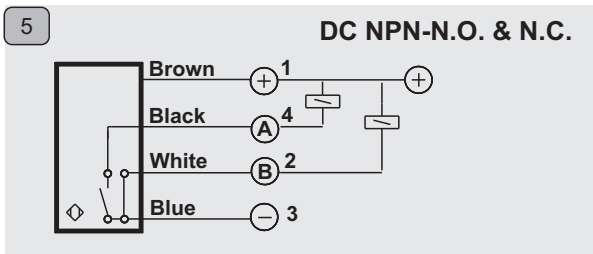
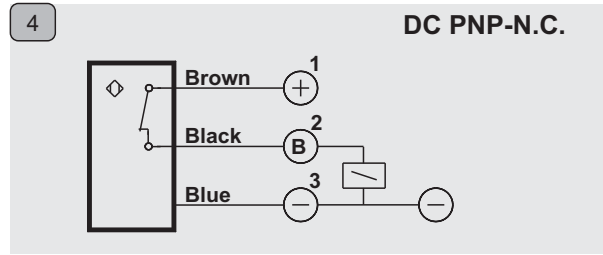
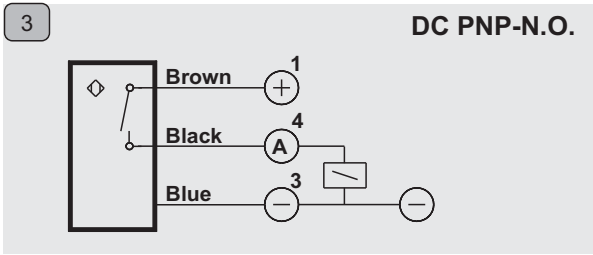
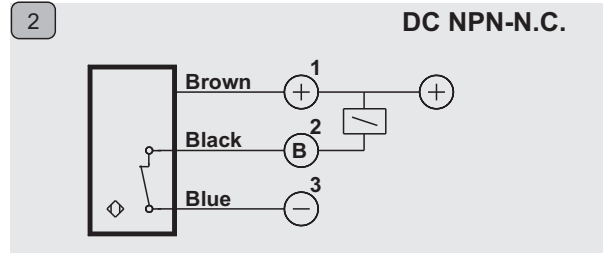
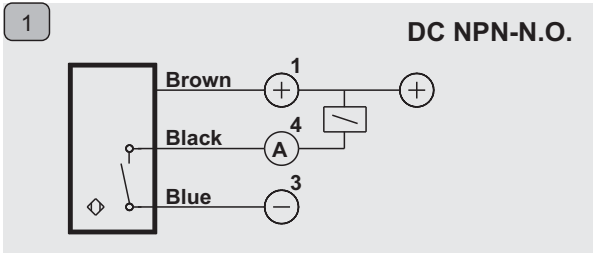


Diameter	M8 - Micro 4-pin				M8 - Pico 3-Pin	
	● Flush	○ Non-flush	● 1mm	○ 2mm	● 1mm	○ 2mm
Switching Distance Sn:mm			1mm	2mm	1mm	2mm
LED Indicator			Yes		Yes	
Operating Voltage			10 - 30 vdc		10 - 30 vdc	
Ripple			<10%		<10%	
No Load Current			<10mA		<10mA	
Max Load Current			200mA		200mA	
Leakage Current			<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	0.2ms/0.2ms
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			4-pin Micro DC		3-pin Pico DC	
Material Tube/Face			Stainless Steel		Stainless Steel	
Cable Material			-		-	
Product Style	Wiring Diag.	4-pin Micro DC		3-pin Pico DC		
NPN N.O.	1	KF1SF-M0801N-OEU4	KF1SN-M0802N-OEU4	KF1SF-M0801N-OPS3	KF1SN-M0802N-OPS3	
NPN N.C.	2	KF1SF-M0801N-CEU4	KF1SN-M0802N-CEU4	KF1SF-M0801N-CPS3	KF1SN-M0802N-CPS3	
PNP N.O.	3	KF1SF-M0801P-OEU4	KF1SN-M0802P-OEU4	KF1SF-M0801P-OPS3	KF1SN-M0802P-OPS3	
PNP N.C.	4	KF1SF-M0801P-CEU4	KF1SN-M0802P-CEU4	KF1SF-M0801P-CPS3	KF1SN-M0802P-CPS3	

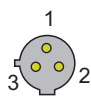
Note: See Terminal Connection page for wiring diagram

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