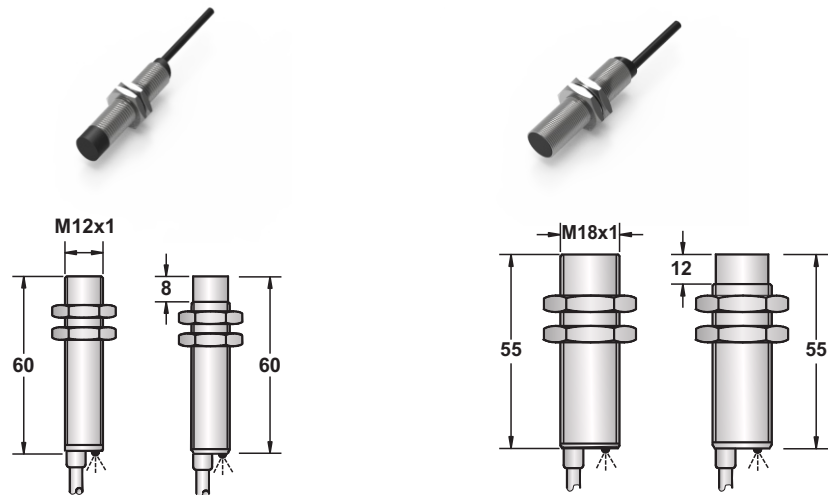


3-Wire Extended DC Inductive

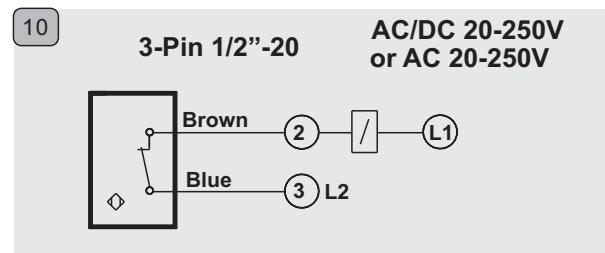
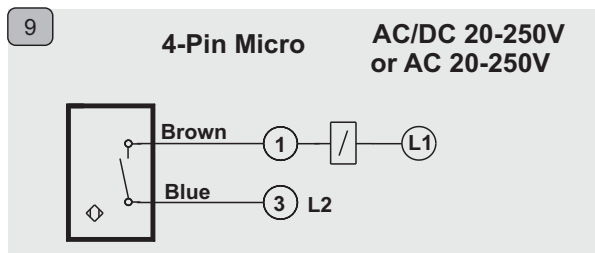
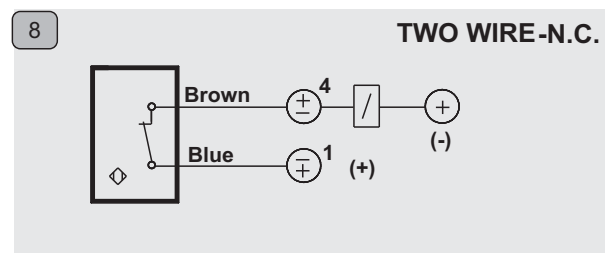
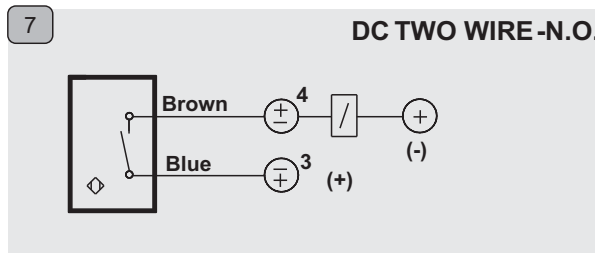
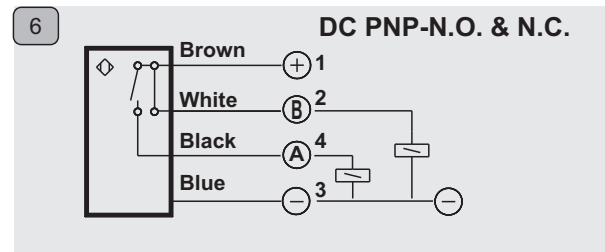
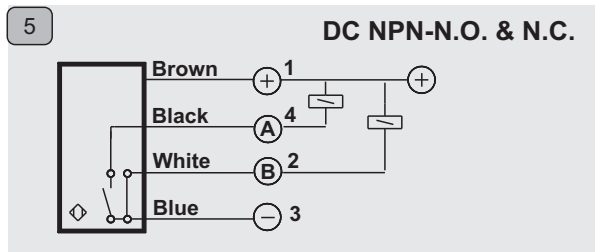
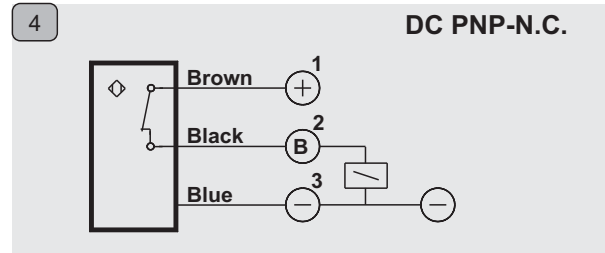
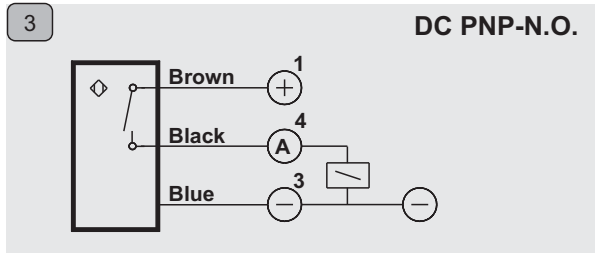
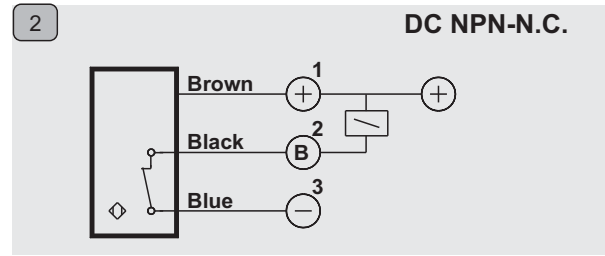
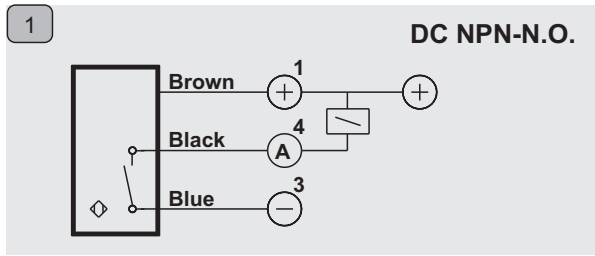


Diameter	M12		M18		
	● Flush	○ Non-flush	●	○	
Switching Distance Sn:mm	4mm	8mm	8mm	16mm	
LED Indicator	Yes		Yes		
Operating Voltage	10 - 30 vdc		10 - 30 vdc		
Ripple	<10%		<10%		
No Load Current	<10mA		<10mA		
Max Load Current	150mA		150mA		
Leakage Current	<0.01mA		<0.01mA		
Voltage Drop	<1.5v		<1.5v		
Switching Frequency	1 KHz	500Hz	500Hz	150Hz	
Response Time	0.2ms/0.2ms	0.5ms/0.5ms	0.5ms/0.5ms	1ms/1ms	
Switching Hysteresis	<15%(Sr)		<15%(Sr)		
Repeat Accuracy	<2%(Sr)	<3%(Sr)	<2%(Sr)	<3%(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	Ni-Brass/PBT		Ni-Brass/PBT		
Cable Material	PVC		PVC		
Product Style	Wiring Diag.	2-meter Cable		2-meter Cable	
NPN N.O.	1	ERFB-1204-NOWC2	ERNB-1208-NOWC2	ERFB-1808-NOWC2	ERNB-1816-NOWC2
NPN N.O.	2	ERFB-1204-NNWC2	ERNB-1208-NNWC2	ERFB-1808-NNWC2	ERNB-1816-NNWC2
NPN N.O.	3	ERFB-1204-POWC2	ERNB-1208-POWC2	ERFB-1808-POWC2	ERNB-1816-POWC2
NPN N.O.	4	ERFB-1204-PNWC2	ERNB-1208-PNWC2	ERFB-1808-PNWC2	ERNB-1816-PNWC2

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