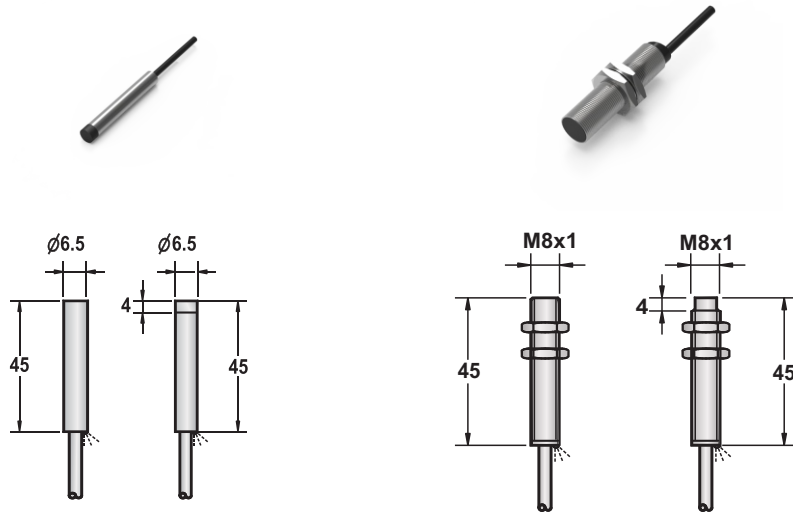


3-Wire DC Inductive

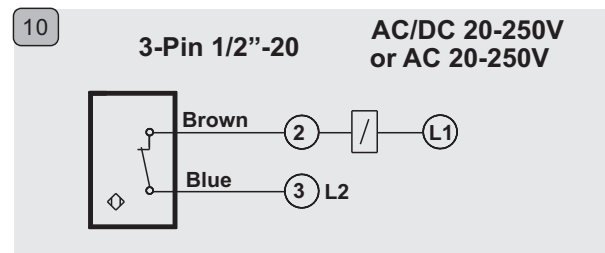
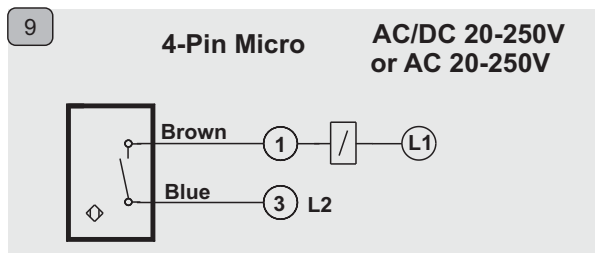
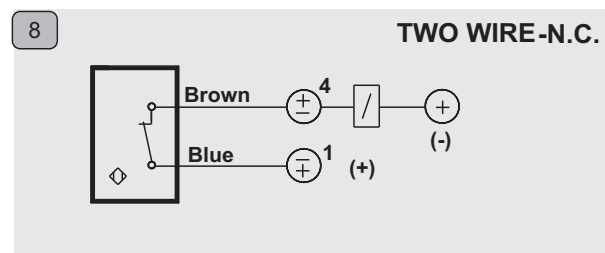
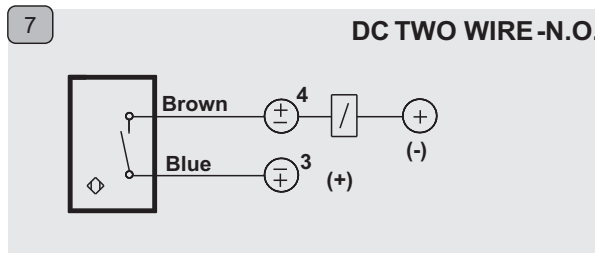
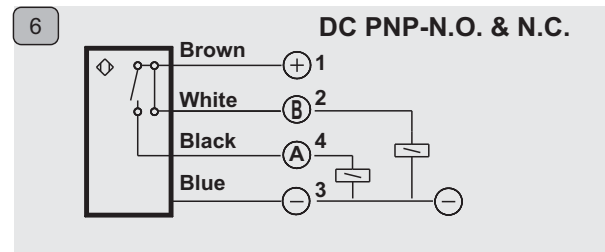
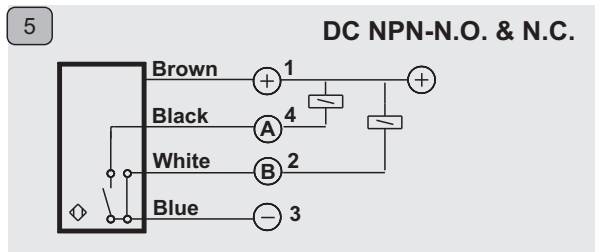
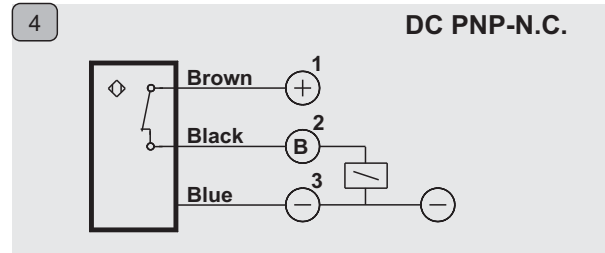
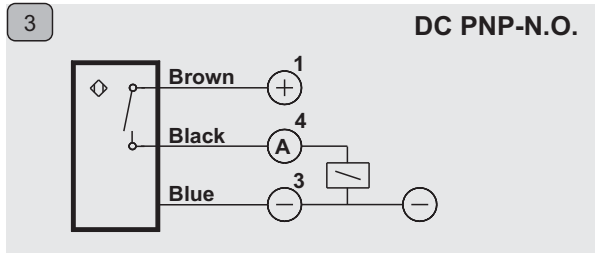
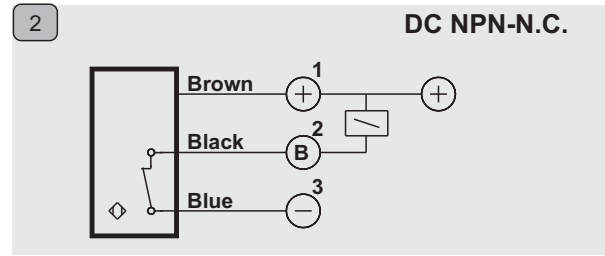
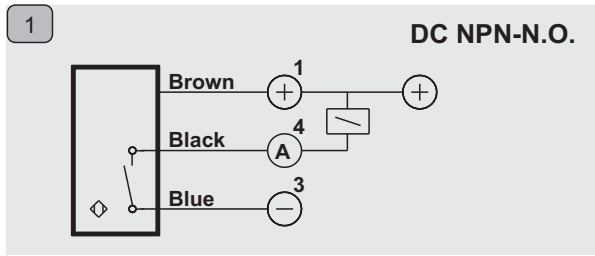


Diameter	M6.5		M8		
	● Flush	○ Non-flush	●	○	
Switching Distance Sn:mm	1mm		2mm		
LED Indicator	Yes		Yes		
Operating Voltage	10 - 30 vdc		10 - 30 vdc		
Ripple	<10%		<10%		
No Load Current	<10mA		<10mA		
Max Load Current	150mA		150mA		
Leakage Current	<0.01mA		<0.01mA		
Voltage Drop	<1.5v		<1.5v		
Switching Frequency	2 KHz	2 KHz	2 KHz	1 KHz	
Response Time	0.1ms/0.1ms	0.1ms/0.1ms	0.1ms/0.1ms	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	3-wire, 2-meter Cable		3-wire, 2-meter Cable		
Material Tube/Face	SST/PBT		Ni-Brass/PBT		
Cable Material	PVC		PVC		
Product Style	Wiring Diag.	2-meter Cable		2-meter Cable	
NPN N.O.	1	IRFB-06.501-NOWC2	IRFB-06.502-NOWC2	IRFB-0801-NOWC2	IRNB-0802-NOWC2
NPN N.O.	2	IRFB-06.501-NNWC2	IRFB-06.502-NNWC2	IRFB-0801-NNWC2	IRNB-0802-NNWC2
NPN N.O.	3	IRFB-06.501-POWC2	IRFB-06.502-POWC2	IRFB-0801-POWC2	IRNB-0802-POWC2
NPN N.O.	4	IRFB-06.501-PNWC2	IRFB-06.502-PNWC2	IRFB-0801-PNWC2	IRNB-0802-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