



**KINGFISHER CONTROLS**

*Making Better Sense For You*

**Proximity** CE RoHS

**2016**

## Submersible Inductives

**INDUCTIVE - SUBMERSIBLE**

METAL FACE

HIGH/LOW TEMPERATURE

PHOTOELECTRIC

ULTRASONIC

ADAPTIVE

CAPACITIVE

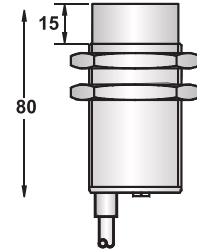
QUICK CONNECT CABLES

CUSTOMIZATION

**[www.kfcontrol.com](http://www.kfcontrol.com)**

Unitized Plastic Body  
Stable Operating Point  
No-LED to improve seal

Submersible Inductive



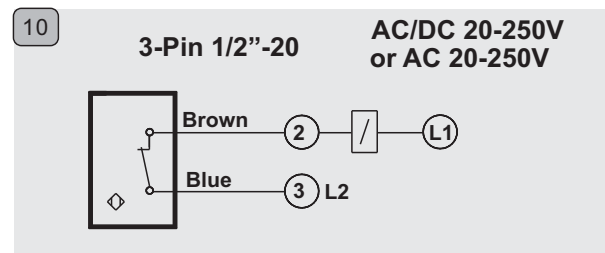
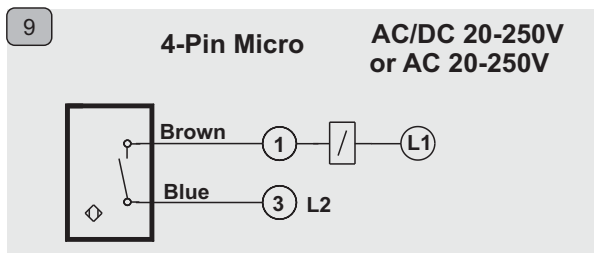
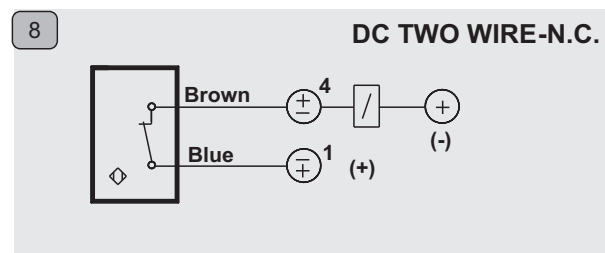
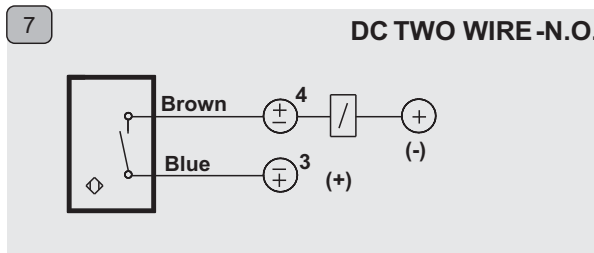
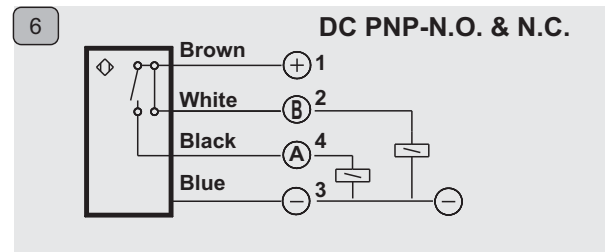
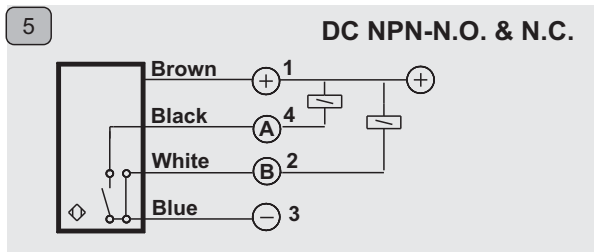
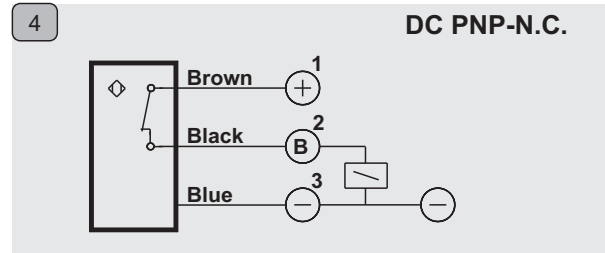
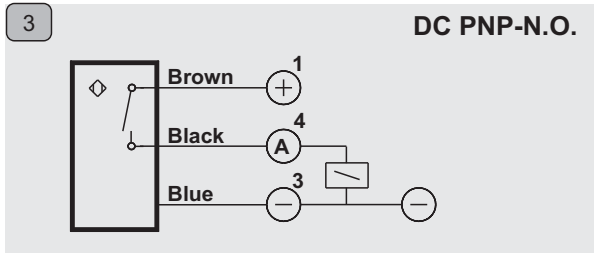
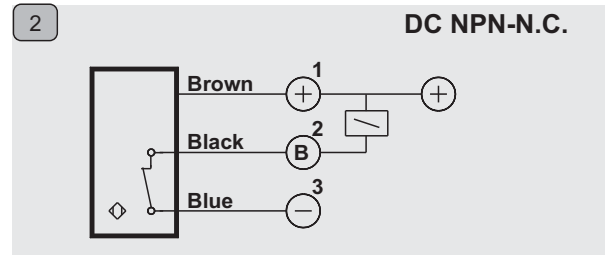
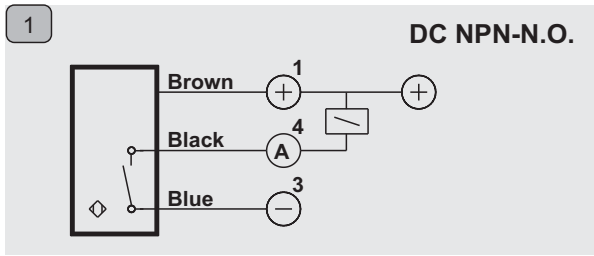
Diameter	M30		M30	
	Flush	Non-Flush	Flush	Non-Flush
Switching Distance Sn:mm	8mm	12mm	8mm	12mm
LED Indicator	None		None	
Operating Voltage	10-30VDC		10-30VDC	
Ripple	<10%		<10%	
No Load Current	<10mA		<10mA	
Max Load Current	200mA		200mA	
Leakage Current	<0.01mA		<0.01mA	
Voltage Drop	<2VDC		<2VDC	
Switching Frequency	150Hz		150Hz	
Response Time	1ms/1ms		1ms/1ms	
Switching Hysteresis	<15%(Sr)		<15%(Sr)	
Repeat Accuracy	<5%(Sr)		<5%(Sr)	
Protection Submersible (meters)	3 meters		3 meters	
Operating Temperature	-25C+50C		-25C+50C	
Temperature Drift	<10%(Sr)		<10%(Sr)	
Short Circuit Protection	Yes		Yes	
Reverse Polarity Protection	Yes		Yes	
Material Tube/Face	PBT		PBT	
Cable Length	2 meters		5 meters	

Product Style	Wiring Diag.				
DC 3 wire 10-30V NPN N.O.	1	KURFP-3008-NOWC2	KURNP-3012-NOWC2	KURFP-3008-NOWC5	KURNP-3012-NOWC5
DC 3 wire 10-30V NPN N.C.	2	KURFP-3008-NCWC2	KURNP-3012-NCWC2	KURFP-3008-NCWC5	KURNP-3012-NCWC5
DC 3 wire 10-30V PNP N.O.	3	KURFP-3008-POWC2	KURNP-3012-POWC2	KURFP-3008-POWC5	KURNP-3012-POWC5
DC 3 wire 10-30V PNP N.C.	4	KURFP-3008-PCWC2	KURNP-3012-PCWC2	KURFP-3008-PCWC5	KURNP-3012-PCWC5

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