

INDUCTIVE SENSORS



40mm PLASTIC SQUARE HOUSING ROTATING SENSING HEAD TYPE 5 POSITIONS

- 10÷30 V DC OR 20÷250 V AC/DC INPUT
- NPN/PNP 4 WIRES OR NO/NC 2 WIRES OUTPUT
- SHORT HOUSING WITH M12 CONNECTOR MODEL

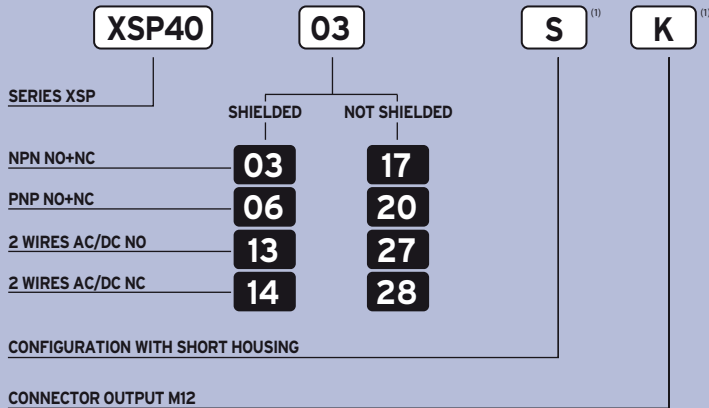


XSP Series



INDUCTIVE

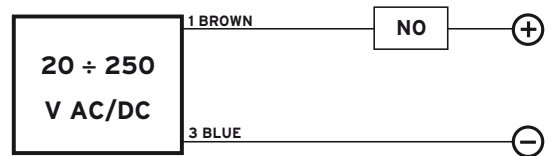
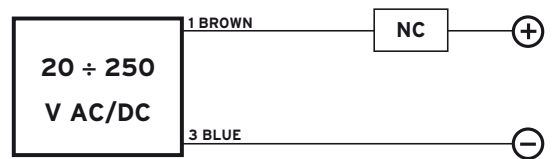
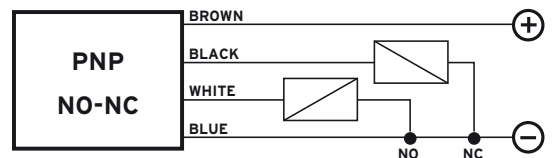
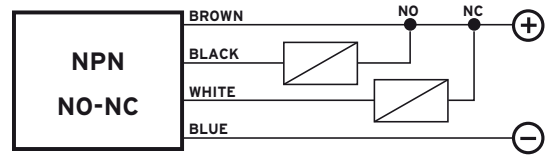
IDENTIFICATION CODE



⁽¹⁾ Available only "03" and "06" models

	10 ÷ 30 V DC		20 ÷ 250 V AC/DC	
	SHIELDED	NOT SHIELDED	SHIELDED	NOT SHIELDED
NOMINAL SWITCHING DISTANCE	15 mm	30 mm	15 mm	30 mm
HOUSING MATERIAL	PBT RESIN		PBT RESIN	
OPERATING VOLTAGE	10 ÷ 30 VDC		20 ÷ 250 VAC, 50-60 Hz 20 ÷ 250 VDC	
RIPPLE	< 10%		DC RIPPLE < 10%	
NO LOAD CURRENT	< 10 mA		< 2.5 mA	
MAX LOAD CURRENT	200 mA		200 mA	
LEAKGE CURRENT	< 0.01mA		< 2.5 mA	
VOLTAGE DROP	< 1,5 V		≤ 10 VAC; ≤ 8 VDC	
SURGE CURRENT	-		2,2 A for 20 ms	
MIN. LOAD CURRENT	-		5 mA	
SWITCHING FREQUENCY	100 Hz		25 Hz AC; 40 Hz DC	
RESPONSE TIME	1 ms		10 ms	
SWITCHING HYSTERESIS	< 15% (Sr)		< 15% (Sr)	
REPEAT ACCURACY	< 1,0% (Sr)		< 1,0% (Sr)	
PROTECTION CATEGORY	IP 67		IP 67	
OPERATING TEMPERATURE	-25 °C / +75 °C		-25 °C / +75 °C	
TEMPERATURE DRIFT	< 10% (Sr)		< 10% (Sr)	
SHORT CIRCUIT PROTECTION	YES		YES	
OVERLOAD TRIP POINT	220 mA		-	
TIME DELAY BEFORE AVAILABILITY	< 10 ms		-	

WIRING DIAGRAMS



DIMENSIONS (mm)

