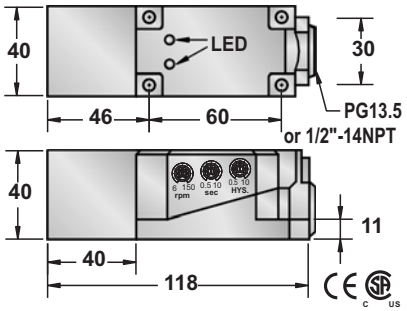
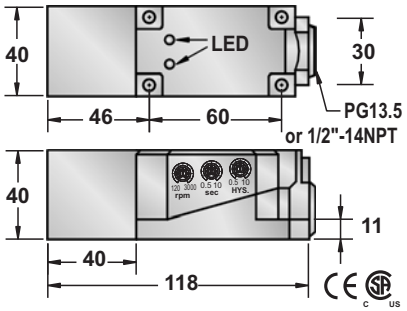
INDUCTIVE SPEED DETECTORS WITH 5 WAY ROTATABLE HEAD

Diameter	Q 40			Q 40		
● Shielded ○ non-shielded	●		○	●		○
Sensing Distance Sn mm	20 mm		30 mm	20 mm		30 mm
Housing Material	PBT			PBT		
● LED Have ○ Without LED	●			●		
Dimensions (Unit: mm)						
Speed Range Available(one pulse one turn)	6-150 targets/minute			120-3000 targets/minute		
Power Up Delay	0.5-10 sec			0.5-10 sec		
Supply Voltage	10-30VDC			10-30VDC		
Max. Load Current	200mA			200mA		
Max. Leakage Current	0.01mA			0.01mA		
No Load Current	⩽15mA			⩽15mA		
Short Circuit Protection	YES			YES		
Hysteresis	<15%			<15%		
Repeat Accuracy	<1.0%(Sn)			<1.0%(Sn)		
Ambient Temperature	-25 ° C - +70 ° C			-25 ° C - +70 ° C		
Temperature Drift	<10%(Sn)			<10%(Sn)		
Protection Degree	IP67			IP67		
Time Delay Before Availability	-			-		
EMC	RFI>3V/m / EFT>1KV / ESD>4KV (contact)			RFI>3V/m / EFT>1KV / ESD>4KV (contact)		
Shock / Vibration	IEC 60947-5-2,Part 7.4.1 / IEC 60947-5-2,Part 7.4.2			IEC 60947-5-2,Part 7.4.1 / IEC 60947-5-2,Part 7.4.2		
Material Active Face	PBT			PBT		
NPN N.O.	FQP1-Q4020N-A3U/S	1	FQP2-Q4030N-A3U/S	FQP1-Q4020N-A3U/F	1	FQP2-Q4030N-A3U/F
NPN N.C.	FQP1-Q4020N-B3U/S	2	FQP2-Q4030N-B3U/S	FQP1-Q4020N-B3U/F	2	FQP2-Q4030N-B3U/F
PNP N.O.	FQP1-Q4020P-A3U/S	3	FQP2-Q4030P-A3U/S	FQP1-Q4020P-A3U/F	3	FQP2-Q4030P-A3U/F
PNP N.C.	FQP1-Q4020P-B3U/S	4	FQP2-Q4030P-B3U/S	FQP1-Q4020P-B3U/F	4	FQP2-Q4030P-B3U/F
Changeover PNP (N.O. & N.C.)						
Changeover NPN (N.O. & N.C.)						
DC 2 wire N.O.						
DC 2 wire N.C.						
NAMUR						
Capacitive Mini Size						
DC 3 wire 10-55v NPN N.O.						
DC 3 wire 10-55v NPN N.C.						
DC 3 wire 10-55v PNP N.O.						
DC 3 wire 10-55v PNP N.C.						
AC N.O.						
AC N.C.						
AC N.O. N.C. Changeable						
DC/AC (Short Circuit Protection)						
Remarks	Connector type available			Connector type available		
Cable 2M (PVC)						
Weight	approx. 242g			approx. 242g		

Note:
Coming Soon : Part numbers with underline