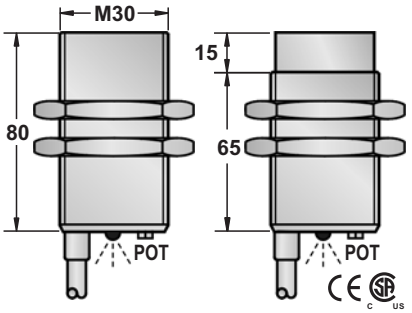
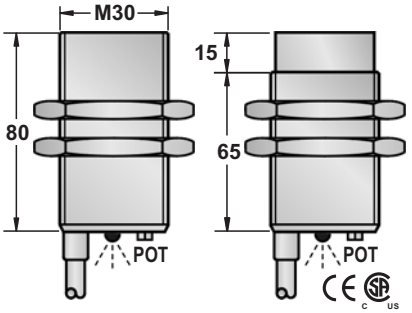
INDUCTIVE SPEED DETECTORS

Diameter	M 30		M 30	
● Shielded ○ non-shielded	●	○	●	○
Sensing Distance Sn (mm)	10 mm	15 mm	10 mm	15 mm
Housing Material	Nickel plated brass		Nickel plated brass	
● 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.	FCM1-3010N-A3U2/S	1 FCM2-3015N-A3U2/S	FCM1-3010N-A3U2/F	1 FCM2-3015N-A3U2/F
NPN N.C.	FCM1-3010N-B3U2/S	2 FCM2-3015N-B3U2/S	FCM1-3010N-B3U2/F	2 FCM2-3015N-B3U2/F
PNP N.O.	FCM1-3010P-A3U2/S	3 FCM2-3015P-A3U2/S	FCM1-3010P-A3U2/F	3 FCM2-3015P-A3U2/F
PNP N.C.	FCM1-3010P-B3U2/S	4 FCM2-3015P-B3U2/S	FCM1-3010P-B3U2/F	4 FCM2-3015P-B3U2/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)	5.8Ø3x0.5		5.8Ø3x0.5	
Weight	approx. 264g	approx. 256g	approx. 264g	approx. 256g