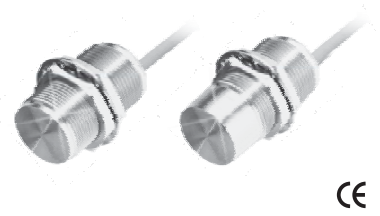
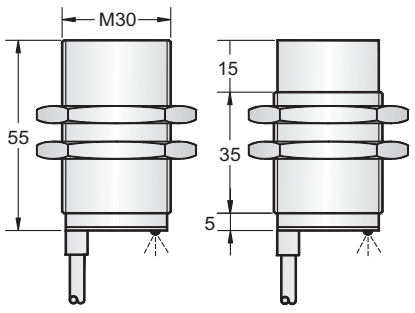
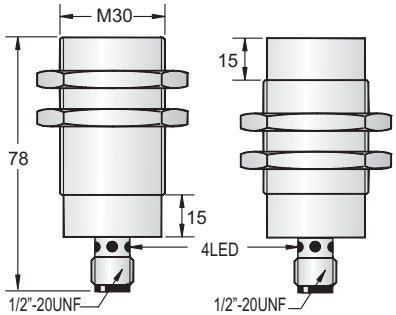
AC/DC METAL FACE INDUCTIVE PROXIMITY SENSOR

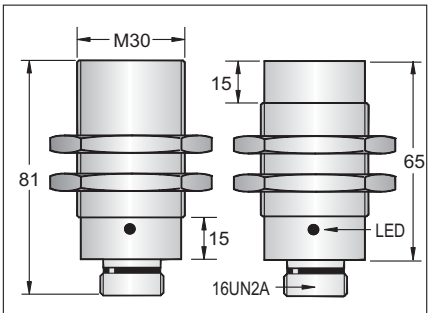
Diameter	M30		M30	
● Shielded ○ non-Shielded	●	○	●	○
Switching Distance Sn: mm	10 mm	15mm	10 mm	15 mm
Housing Material	Stainless steel		Stainless steel	
● With LED ○ Without LED	●		●	
Picture				
Operating Voltage	20-250 VAC, 50-60 Hz; 20-250 VDC		20-250 VAC, 50-60 Hz; 20-250 VDC	
No Load Current	<2.5mA		<2.5mA	
Max. Load Current	200mA		200mA	
Leakage Current	<2.5mA		<2.5mA	
Surge Current	2.2A for 20ms		2.2A for 20ms	
Min. Load Current	5mA		5mA	
Voltage Drop	<=10 VAC :<=8 VDC		<=10 VAC :<=8 VDC	
Switching Frequency	25HZ AC; 40 Hz DC		25HZ AC; 40 Hz DC	
Response Time	10ms/10ms		10ms/10ms	
Switching Hysteresis	<15%(Sr)		<15%(Sr)	
Repeat Accuracy	<1.0% (Sr)		<1.0% (Sr)	
Protection Category	IP67		IP67	
Operating Temperature	-25℃~+70℃		-25℃~+70℃	
Temperature Drift	<10% (Sr)		<10% (Sr)	
Short Circuit Protection	YES		YES	
Material Active Face	Stainless steel		Stainless steel	
DC 3 wire 10-30V NPN N.O.				
DC 3 wire 10-30V NPN N.C.				
DC 3 wire 10-30V PNP N.O.				
DC 3 wire 10-30V PNP N.C.				
DC 4 wire 10-30V Changeover PNP (N.O. & N.C.)				
DC 4 wire 10-30V Changeover NPN (N.O. & N.C.)				
DC 2 wire 10-60V N.O.				
DC 2 wire 10-60V N.C.				
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 2 wire 20-250V N.O.				
AC 2 wire 20-250V N.C.				
AC 2 wire 20-250V N.O. or N.C. Changeable				
AC/DC 2 wire 20-250V N.O.	**P8C1F3010UO3A2**	**15**	**P8C2F3015UO3A2**	**P8C1F3010UOMA3**	**53**	**P8C2F3015UOMA3**
AC/DC 2 wire 20-250V N.C.	**P8C1F3010UC3A2**	**16**	**P8C2F3015UC3A2**	**P8C1F3010UCMA3**	**53**	**P8C2F3015UCMA3**
AC/DC 2 wire 20-250V N.O. or N.C. Changeable						
Dimensions (unit: mm)				
Cable 2M (PVC)	5.8 ϕ3x0.5			
Weight	approx.247g	approx.237g	approx.147g	approx.137g

AC/DC METAL FACE INDUCTIVE PROXIMITY SENSORS

M30	
●	○
10 mm	15 mm
Stainless steel	
●	

20-250 VAC, 50-60 Hz; 20-250 VDC
<2.5mA
200mA
<2.5mA
2.2A for 20ms
5mA
<=10 VAC :<=8 VDC
25HZ AC; 40 Hz DC
10ms/10ms
<15%(Sr)
<1.0% (Sr)
IP67
-25℃~+70℃
<10% (Sr)
YES
Stainless steel

P8C1F3010UOZA3	**57**	**P8C2F3015UOZA3**
P8C1F3010UCZA3	**57**	**P8C2F3015UCZA3**



Approx.187g	approx.179g