

DC INDUCTIVE PROXIMITY SENSORS

Two stainless steel cable sensors are shown, each with a hexagonal nut and a cable. The CE marking is visible in the bottom right corner.

[illegible]

4 ϕ 3x0.15	
Approx. 67 g	Approx. 65 g



Two stainless steel cable glands are shown side-by-side. Each has a cable passing through its center. The gland on the left has a clear, cylindrical dust cap fitted over its front. The gland on the right does not have the cap. Both glands have a hexagonal base for mounting.

[illegible]

4 ϕ 3x0.15	
Approx.62 g	Approx.60 g

[illegible]

Approx.31 g	Approx.30 g
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DC INDUCTIVE PROXIMITY SENSORS

Diameter
☒ Shielded ☐ Non-shielded
Switching Distance Sn: mm
Housing Material
☒ With LED ☐ Without LED

Picture

Operating Voltage
Ripple
No Load Current
Max. Load Current
Leakage Current
Voltage Drop
Switching Frequency
Response Time
Switching Hysteresis
Repeat Accuracy
Protection Category
Operating Temperature
Temperature Drift
Short Circuit Protection
Overload Trip Point
Material Active Face

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.
DC 3 wire 5-36V NPN N.O.
DC 3 wire 5-36V NPN N.C.
DC 3 wire 5-36V PNP N.O.
DC 3 wire 5-36V PNP N.C.
DC 4 wire 5-36V Changeover PNP (N.O & N.C.)
DC 4 wire 5-36V Changeover NPN (N.O & N.C.)

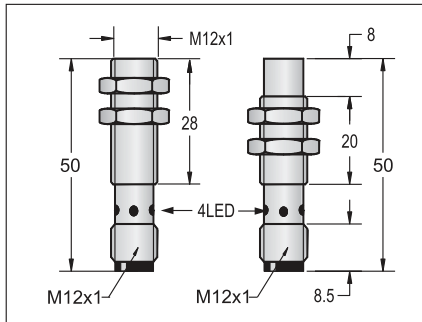
Dimensions (unit: mm)

Cable 2M (PVC)
Weight

M12	
	
6 mm	10 mm
Nickel plated brass	
	



10-30VDC	
<10%	
<10mA	
200mA	
<0.01mA	
<2.0V	
800HZ	400HZ
0.2ms/0.2ms	0.3ms/0.3ms
<15%(Sr)	
<1.0%(Sr)	
IP67	
-25 °C - +70 °C	
<10%(Sr)	
YES	
220mA	
PQM	PBT

[illegible]

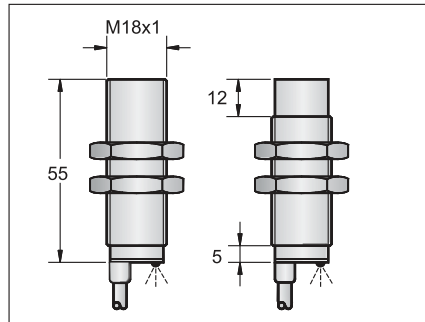
approx.25 g	Approx.23 g
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M18	
	
5 mm	8 mm
stainless steel or nickel plated brass	
	



10-30VDC / 5-36VDC / 10-55VDC / 10-60VDC	
<10%	
<10mA	
200mA	
<0.01mA	
<1.5V	
1KHZ	500HZ
0.2ms/0.2ms	0.5ms/0.5ms
<15%(Sr)	
<1.0%(Sr)	
IP67	
-25 °C - +70 °C	
<10%(Sr)	
YES	
220mA	
PBT	

HG-A5NO-M18E	1	HG-B8NO-M18E
HG-A5NC-M18E	2	HG-B8NC-M18E
HG-A5PO-M18E	3	HG-B8PO-M18E
HG-A5PC-M18E	4	HG-B8PC-M18E
HG-A5PS-M18E	5	HG-B8PS-M18E
HG-A5NS-M18E	6	HG-B8NS-M18E
HG-A5DO-M18E	7	HG-B8DO-M18E
HG-A5DC-M18E	8	HG-B8DC-M18E
	1	
	2	
	3	
	4	
	1	
	2	
	3	
	4	
	5	
	6	



5.8 ϕ 3x0.5 or 5.8 ϕ 4x0.5	
Approx.153 g	Approx.144 g