

# Stedham Electronics Corporation

## Capacitive Proximity Sensors – 30mm DC Inductive Proximity Sensor (Shielded, Embeddable)



### Features

- Signal LED indicator
- Complete overload protection
- Compact length
- IEC IP 67 protection rating
- Cable and connector versions
- -25 to +70 degrees C

### Sensing Specifications

Flush Mountable	Yes
Nominal Sensing Distance, Sn	15mm
Repeat Accuracy - (% of Sn)	5%
Hysteresis - (% of Sn)	2-15%

### Mechanical Specifications

Weight	110g
Protection Degree	IP67
Operating Temperature Range	-25 to 70°C
Temperature Drift	10% Sn
LED Signal Indicator	Yes, yellow (N.O. output energized)
Sensor Type	Shielded, Embeddable
Barrel Material	Nickel-Plated Brass
Sensor Face Material	PBT
Cable Versions	2meter, 3 Wire PVC
Connector Versions	M12 (12mm) connector

### Electrical Specifications

Supply Voltage	10-30 VDC
Load Current	≤ 400 mA
Voltage Drop	≤ 1V
Switching Frequency	150Hz
Transient Protection	30VDC

### Part Numbers

Normally Open PNP (sourcing)	Cable	<a href="#">N1A30AP1-M</a>
Normally Open PNP (sourcing)	Connector	<a href="#">N1A30AP2-M</a>
Normally Open NPN (sinking)	Cable	<a href="#">N1A30AN1-M</a>
Normally Open NPN (sinking)	Connector	<a href="#">N1A30AN2-M</a>

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