

## Cylindrical Sensors

### Cushioned Mounting Bracket

Two sleeves made of anodized aluminum and nickel-plated jam nuts will thread on standard size proximity sensors (see ordering information table). The end cap is a fiberglass reinforced nylon material and is tapered at 30° to protect the sensor face from shearing. The mounts provide up to 10mm of protection against overtravel of the target.

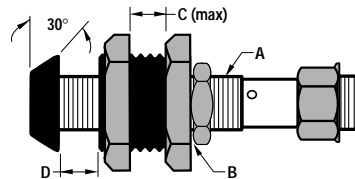


#### Features

- Protection against accidental contact
- Easy installation
- Durable
- Flexibility for sensor placement
- Secure fastening

#### Ordering Information

Diameter of Sensor	Model Number
8mm	CM-08
12mm	CM-12
18mm	CM-18
30mm	CM-30



Dimensions (mm)			
A	B	C	D
M8 x 1	M16 x 1.5	11	10
M12 x 1	M22 x 1.5	11	10
M18 x 1	M30 x 1.5	15	10
M30 x 1.5	M47 x 1.5	25	15

### Teflon Sensor Caps

#### Features

- Repels Weld Slag
- Protects Sensors from Impact Damage
- Models for shielded and unshielded 12mm, 18mm and 30mm diameter inductive sensors



MODEL	A	B	C	Thread
TC-12	8.90 (0.35)	16.1 (0.63)	0.75 (0.03)	M12 X 1
TC-12-U	15.0 (0.59)			
TC-18	8.90 (0.35)	22.5 (0.88)	0.75 (0.03)	M12 X 1
TC-18-U	15.0 (0.59)			
TC-30	8.90 (0.35)	34.5 (1.35)	1.27 (0.05)	M12 X 1
TC-30-U	22.7 (0.90)			

### 1/2" NPT Conduit Adapters

For 12mm diameter sensors  
12mm diameter to 1/2" NPT conduit

Length 2", Diameter 1"  
Order number **M12 - 1/2" NPT**

For 18mm diameter sensors  
18mm diameter to 1/2" NPT conduit

Length 2", Diameter 1"  
Order number **M18 - 1/2" NPT**

For 30mm diameter sensors  
30mm diameter to 1/2" NPT conduit

Length 2", Diameter 1-3/8"  
Order number **M30 - 1/2" NPT**



NPT adapter  
Pg 9 to 1/2" NPT conduit  
Length 7/8", Diameter 1"  
Order number **Pg 9 - 1/2" NPT**

Model Number
M12-1/2" NPT
M18-1/2" NPT
M30-1/2" NPT
Pg 9-1/2" NPT

### Cable Protectors, Nuts and Washers



#### A.) "SM" Cable Protectors

Mount to the back of cylindrical sensor to prevent cable from bending too close to sensor.

Diameter of Sensor	Order Model Number
8mm	SM8
12mm	SM12
18mm	SM18
30mm	SM30

#### B.) Steel Nuts

Jam nuts — supplied with all cylindrical stainless steel sensors.

Diameter of Sensor	Order Model Number
5mm	M 5x0.5
8mm	M 8x1
12mm	M 12x1
18mm	M 18x1
30mm	M 30x1.5

#### C.) Knurled "S" Lock Washers

"S" lock washers secure the mounting of cylindrical proximity sensors.

Diameter of Sensor	Order Model Number
12mm	S12
18mm	S18
30mm	S30

#### D.) Plastic Nuts

Supplied with all cylindrical Crastin sensors.

Diameter of Sensor	Order Model Number
12mm	P 12x1
18mm	P 18x1
30mm	P 30x1.5