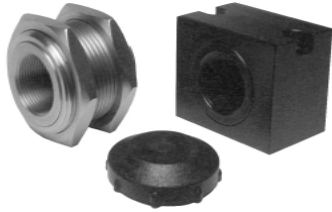
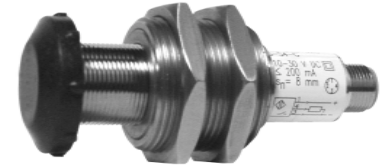


Look!
New Styles for
4-6.5mm Proxes



Spring-loaded sensor protection Install tubular proximity sensors with a Cushioned Sensor Mount to speedup installation, setup and protect against future accidental over-travel damage, replacement expense and downtime.



Patented

Features

- Spring-loaded housing mechanism
- Block style or threaded housing designs
- Shielded & non-shielded plastic caps
- Anodized aluminum or stainless steel

Benefits

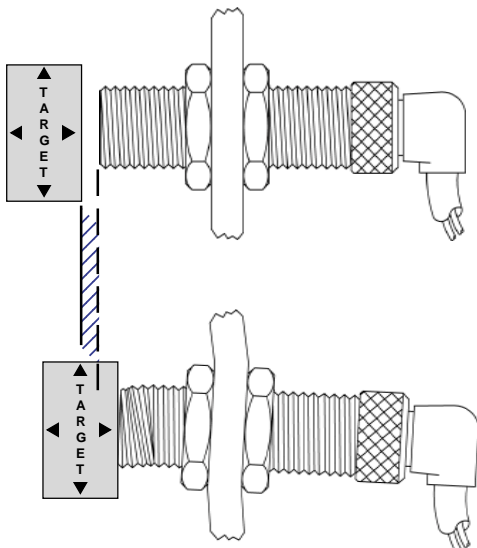
- Ends downtime & replacement expenses
- Speeds sensor installation & setup times
- Eliminates abrasion & impact damage
- Reduces spare sensor inventories

In the past...

Sensors were fixed to machine frames leaving them vulnerable to impact and abrasion damage. During installation and setup, sensors had to be carefully positioned since small gaps between sensors and targets offered very little room for positioning errors. Often the practice was to keep sensors "backed-off" and "inch them closer" as equipment travel and control programs were verified.

However, this practice for establishing reliable sensor positions was extremely time consuming. Furthermore, normal equipment wear and tear would eventually close the sensing gap and lead to sensor damage and downtime.

In the past, small amounts of over-travel damaged sensors:

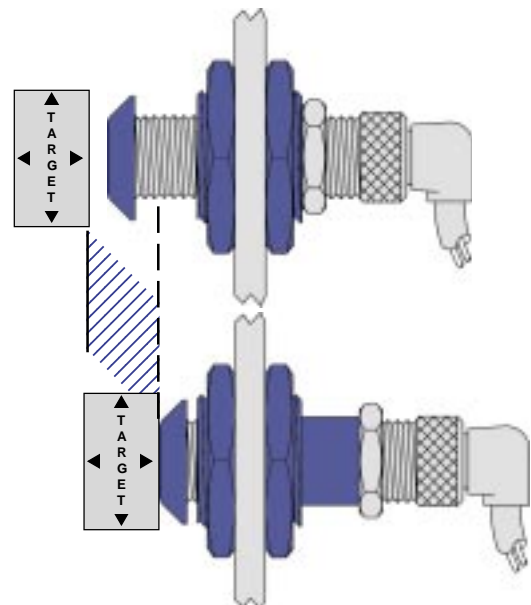


Today...

Your sensor installations, setup and performance can be greatly enhanced using Cushioned Sensor Mounts. Each mount contains a compression spring and holds the sensor securely. When targets over-travel the sensor simply retracts to avoid damage. More important, your equipment continues to operate.

A beveled plastic cap is included and accommodates side-traveling targets, while also eliminating abrasion damage. The Cushioned Sensor Mount equals faster equipment setup and eliminates future downtime.

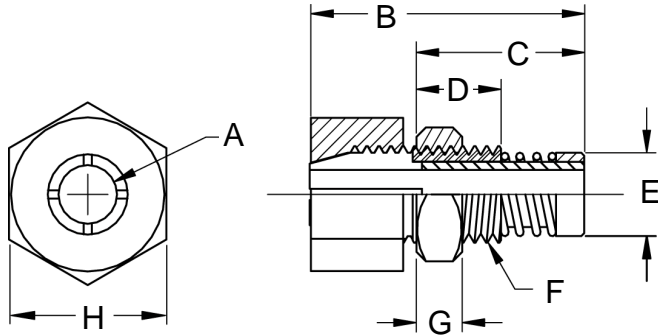
Today, installing sensors with Cushioned Sensor Mounts increases allowable over-travel by 250 to 1000%!



Cushioned Sensor Mounts

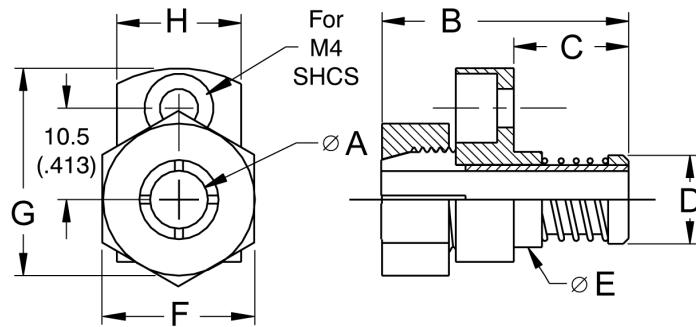
Micro-style SoftNoze Mounts Install small diameter proximity sensors with a spring-loaded cushion for overtravel protection and faster setup. Just as important our collet-style models will help eliminate housing damage commonly caused by using set screw mounting.

MicroCollet, Threaded Mount are attached via a threaded outside housing and lock nut. Sensor is secured with plastic collet nut and all other components are stainless steel:

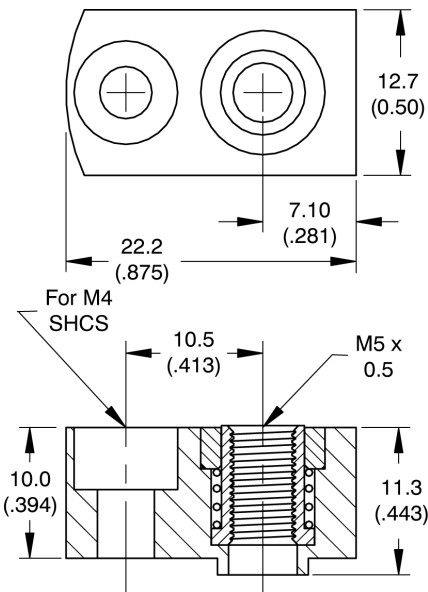


Model					
SNMC-T-04			SNMC-T-065		
A	4mm	E	6.91 (0.27)	A	6.5mm E (0.43)
B	26.2 (1.03)	F	M8x1	B	31.0 (1.22) F M12x1
C	15.2 (0.60)	G	4.00 (.160)	C	17.3 (0.68) G 4.00 (0.16)
D	9.90 (0.39)	H	9.70 (.380)	D	9.90 (0.39) H 12.7 (0.50)

MicroCollet, Flange Mount are attached via a flange-style housing with a M4 sockethead cap screw (SHCS). Sensor is secured with plastic collet nut and all other components are stainless steel:

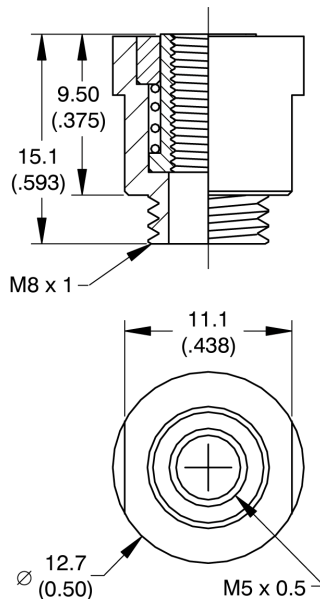


Model					
SNMC-F-04			SNMC-F-065		
A	4mm	E	7.90 (.310)	A	6.5mm E (0.43)
B	26.2 (1.03)	F	9.70 (0.38)	B	31.0 (1.22) F 12.7 (0.50)
C	8.50 (.340)	G	21.3 (0.84)	C	10.7 (0.42) G 22.4 (0.88)
D	6.90 (0.27)	H	11.2 (0.44)	D	10.9 (0.43) H 14.2 (0.56)



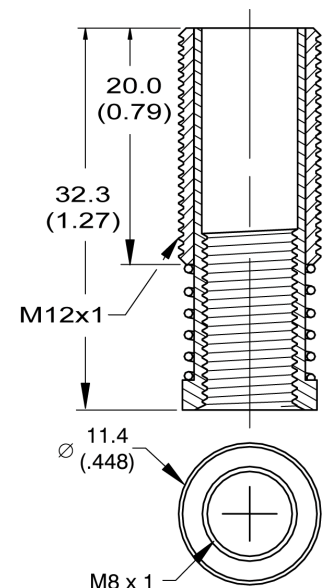
SNMTF-05

Mount is attached via a M4 sockethead cap screw (SHCS). Sensor threads into ID sleeve and is secured with a jam nut provided with sensor. All components are stainless steel.



SNMTT-05

Mount attached via M8x1 threaded nipple. Sensor threads into the ID sleeve and is secured with a jam nut provided with sensor. All components are stainless steel.



SN-08LP

Mount attached via M12x1 threaded OD sleeve. Sensor threads into the ID sleeve and is secured with a jam nut provided with sensor. All components are stainless steel.

Cushioned Sensor Mounts

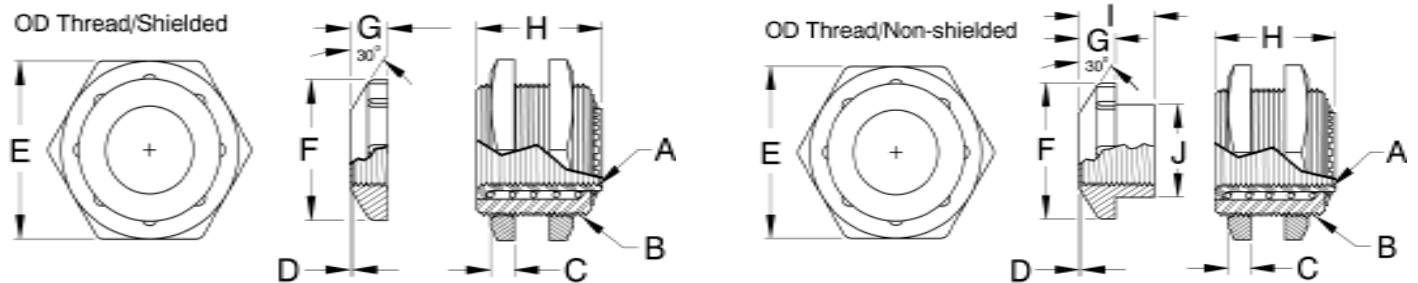
Models	A	B	C	D	E	F	G	H	I	J	O
SN-08	M8 x 1	M16 x 1.5	3.10 (0.12)	0.25 (0.01)	22.0 (0.87)	15.2 (0.60)	5.33 (0.21)	22.1 (0.87)	N/A		8.89 (0.35)
SN-08N									9.51 (0.37)	11.0 (0.43)	
SN-12-LP	M12 x 1	M18 x 1	4.06 (0.16)	0.51 (0.02)	24.0 (0.95)	22.9 (0.90)	6.35 (0.25)	21.1 (0.83)	N/A		12.1 (0.48)
SN-12N-LP									17.3 (0.68)	14.7 (0.58)	
SN-12		M22 x 1.5									
SN-12N								17.3 (0.68)	14.7 (0.58)		
SN-18	M18 x 1	M30 x 1.5	5.10 (0.20)	0.76 (0.03)	35.8 (1.41)	29.7 (1.17)	8.38 (0.33)	29.7 (1.17)	N/A		12.4 (0.49)
SN-18N									17.8 (0.70)	23.9 (0.94)	
SN-30	M30 x 1.5	M47 x 1.5									51.0 (1.72)
SN-30N										22.9 (0.90)	38.6 (1.52)

Specifications

The chart at left is for round, threaded models and the bottom chart for block-style models. In each case, model numbers with an "N" after the sensor thread size are for non-shielded sensors and correspond with figures on the right below each chart.

Caps are plastic and mount housings are anodized aluminum or stainless steel. For stainless steel mounts, add an "SS" to the end of the model number (accept model numbers SN-12-LP and SN-12N-LP, which are available only in stainless and do not require the "SS")

"O" in each table signifies the total allowable overtravel.



Models	A	B	C	D	E	F	G	H	I	J	K	L	M	O		
SNB-08	M8 x 1	19.0 (0.75)	9.52 (0.37)	0.25 (0.01)	15.8 (0.62)	15.2 (0.60)	5.33 (0.21)	22.1 (0.87)	N/A		18.4 (0.72)	25.4 (1.00)	3.58 (0.14)	8.89 (0.35)		
SNB-08N									9.51 (0.37)	11.0 (0.43)						
SNB-12	M12 x 1															N/A
SNB-12N									17.3 (0.68)	14.7 (0.58)						
SNB-18	M18 x 1	25.4 (1.00)	12.7 (0.50)	0.76 (0.03)	31.7 (1.25)	29.7 (1.17)	8.38 (0.33)	29.7 (1.17)	N/A		30.7 (1.21)		4.60 (0.18)	12.4 (0.49)		
SNB-18N														17.8 (0.70)	23.9 (0.94)	
SN-30	M30 x 1.5	34.9 (1.38)	17.5 (0.68)							50.8 (2.00)	43.7 (1.72)	7.62 (0.30)	37.4 (1.47)	N/A		51.5 (2.03)
SN-30N									22.9 (0.90)					38.6 (1.52)		

