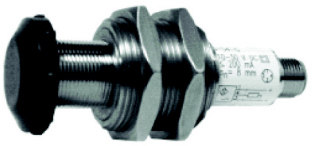
Proximity Sensor Accessories
Y92E

Proximity Sensor Accessories to Mount, Protect and Optimize Sensor Efficiency

- General purpose plastic mounting brackets
- Spring mount threaded cylindrical housings in anodized aluminum and stainless steel to reduce sensor damage due to collisions
- Spring mount blocks in anodized aluminum or stainless steel
- Fast mount cylindrical tubes in nickel-plated brass and Fluoroplastic coated versions simplifies mounting and eliminates sensor positioning
- Fluoroplastic sensor caps and ceramic face discs protect sensor face from heat and abrasion
- Threaded metal block mounts
- Flat and right angle brackets in CRS or stainless steel fixed or adjustable versions
- Weld jacket for cable and cordset protection



■ General Purpose Plastic Mounting Brackets

Ordering Information

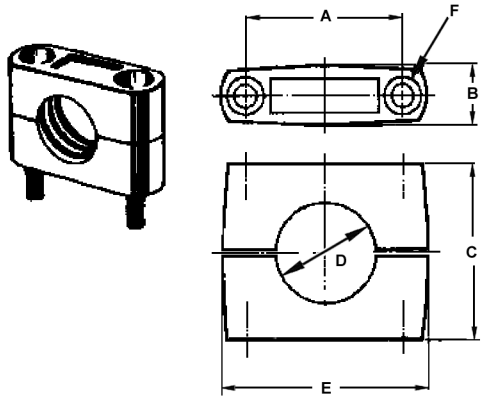
Note: Shaded models are normally stocked. Un-shaded models require 2-3 weeks delivery.

Description	Applicable sensor series	Model
Fits 3.5 mm dia. unthreaded sensor	E2C-C (Stainless Bracket)	**Y92E-F3R5**
Fits M5 size sensors	E2C-C (Stainless Bracket)	**Y92E-F5R4**
Fits M8 size sensors	E2E, E2A, E2F, E2C-T, E2C, E2C-H, E3HT	**Y92E-B8**
Fits M12 size sensors	E2E, E2E2, E2A, E2F, E2C, E2EC, E2K-X, E2FQ, E2EQ, E2C-H, E2EV	**Y92E-B12**
Fits M18 size sensors	E2E, E2E2, E2A, E2F, E2C, E2K-X, E2KQ, E2FQ, E2EQ, E2ES, E2C-H, E2EV, E2EY, E2EZ, F92A, E3F2	**Y92E-B18**
Fits M30 size sensors	E2E, E2E2, E2A, E2F, E2C, E2K-X, E2FQ, E2EQ, E2ES, E2EV, E2EY, E2EZ, B7AP	**Y92E-B30**

Dimensions

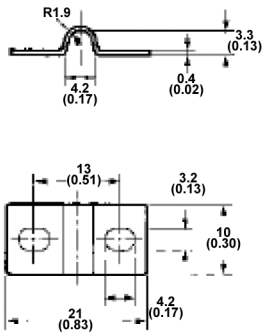
Unit: mm (inch)

Mounting Brackets

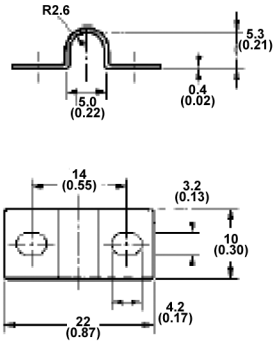


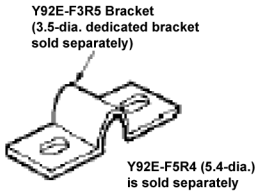
Drawing dimensions						Model
A	B max.	C	D dia.	E max.	F	
18±0.2 (0.71±.0.01)	10 (0.39)	18 (0.71)	8 (0.31)	28 (1.10)	M4 x 20 bolt	Y92E-B8
24±0.2 (0.94±.0.01)	12.5 (0.49)	20 (0.79)	12 (0.47)	37 (1.46)	M4 x 25 bolt	Y92E-B12
32±0.2 (1.26±.0.01)	17 (0.67)	30 (1.18)	18 (0.71)	47 (1.85)	M5 x 32 bolt	Y92E-B18
45±0.2 (1.77±.0.01)	17 (0.67)	50 (1.97)	30 (1.18)	60 (2.36)	M5 x 50 bolt	Y92E-B30

Y92E-F3R5



Y92E-F5R4





■ Replacement Mounting Hardware (2 Locknuts and 1 Washer)

Ordering Information

Note: Shaded models are normally stocked. Un-shaded models require 2-3 weeks delivery.

Description		Model
Mounting hardware including one pair of metal nuts and one washer	Fits M8 size sensors	**M8-MHWS**
	Fits M12 size sensors	**M12-MHWS**
	Fits M18 size sensors	**M18-MHWS**
	Fits M30 size sensors	**M30-MHWS**

■ Swiveling Universal Mounting Bracket

Attach threaded barrel photoelectric, ultrasonic and proximity sensors as well as limit switch-style devices having M30 threaded bases. Achieve easy flexible aiming and secure mounting with these durable, glass-filled nylon brackets. Simplifies sensor installation and setup, designed for M12, M18 and M30 Threaded Sensors.

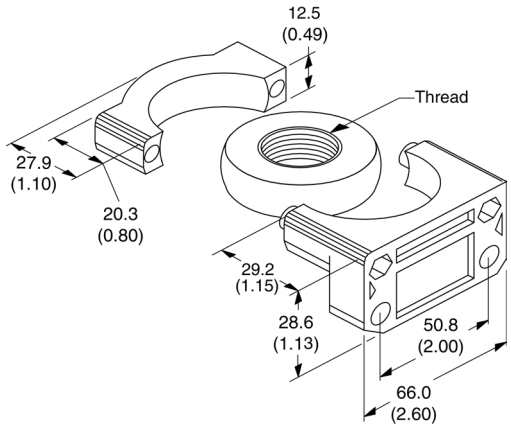
Ordering Information

Note: Shaded models are normally stocked. Un-shaded models require 2-3 weeks delivery.

Thread	Model
M12 x 1	**Y92E-SUMB-12**
M18 x 1	**Y92E-SUMB-18**
M30 x 1.5	**Y92E-SUMB-30**

Dimensions

Unit: mm (inch)



■ Proximity Sensor Spring Mount Threaded Housings

Build compliance into your sensor mounting brackets to eliminate sensor damage due to target and tooling collisions. Spring mount threaded housings offer over-travel protection, resistance to abrasion, quicker installation and spare parts reduction. Spring mount threaded housings are available in anodized aluminum construction or in stainless steel versions for M8, M12, M18 and M30 shielded or unshielded proximity sensors. Plastic end caps are utilized to deflect targets approaching the sensor laterally and are included with the hardware.

Ordering Information

Note: Shaded models are normally stocked. Un-shaded models require 2-3 weeks delivery.

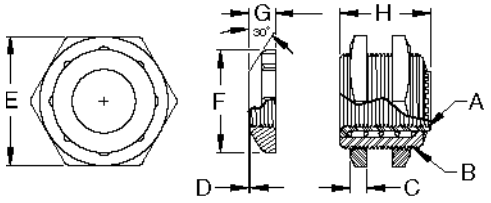
Barrel size	Description	Model
M8	Spring Mount for M8 Shielded Anodized Aluminum	**Y92E-GS08**
M8	Spring Mount for M8 Unshielded Anodized Aluminum	**Y92E-GS08N**
M12	Spring Mount for M12 Shielded Anodized Aluminum	**Y92E-GS12**
M12	Spring Mount for M12 Unshielded Anodized Aluminum	**Y92E-GS12N**
M18	Spring Mount for M18 Shielded Anodized Aluminum	**Y92E-GS18**
M18	Spring Mount for M18 Unshielded Anodized Aluminum	**Y92E-GS18N**
M30	Spring Mount for M30 Shielded Anodized Aluminum	**Y92E-GS30**
M30	Spring Mount for M30 Unshielded Anodized Aluminum	**Y92E-GS30N**
M8	Spring Mount for M8 Shielded Stainless Steel	**Y92E-GS08-SS**
M8	Spring Mount for M8 Unshielded Stainless Steel	**Y92E-GS08N-SS**
M12	Spring Mount for M12 Shielded Stainless Steel	**Y92E-GS12-SS**
M12	Spring Mount for M12 Unshielded Stainless Steel	**Y92E-GS12N-SS**
M18	Spring Mount for M18 Shielded Stainless Steel	**Y92E-GS18-SS**
M18	Spring Mount for M18 Unshielded Stainless Steel	**Y92E-GS18N-SS**
M30	Spring Mount for M30 Shielded Stainless Steel	**Y92E-GS30-SS**
M30	Spring Mount for M30 Unshielded Stainless Steel	**Y92E-GS30N-SS**

Dimensions

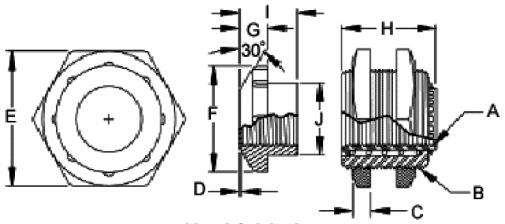
Unit: mm (inch)

Spring Mount Threaded Housings

Model numbers ending in "U" are unshielded type and are depicted on the right. "O" dimension in the table is total allowable over travel. Stainless Steel version dimensions are identical.



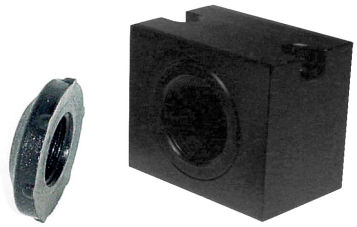
Shielded



Unshielded

A	B	C	D	E	F	G	H	I	J	0	Model
M8x1	M16 x1.5	3.1 (0.12)	0.25 (0.01)	22.1 (0.87)	15.1 (0.59)	5.1 (0.20)	22.1 (0.87)	N/A	N/A	9.04 (0.35)	Y92E-GS08
								9.51 (0.37)	11 (0.43)		Y92E-GS08N
M12x1	M22 x1.5	4.06 (0.16)	0.51 (0.02)	28.6 (1.12)	22.9 (0.90)	6.35 (0.25)	22.1 (0.87)	N/A	N/A	10.4 (0.41)	Y92E-GS12
								17.3 (0.68)	14.7 (0.58)		Y92E-GS12N
M18x1	M30 x1.5	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	N/A	12.4 (0.49)	Y92E-GS18
								17.8 (0.70)	23.9 (0.94)		Y92E-GS18N
M30x1.5	M47 x1.5			51.0 (2.01)	43.7 (1.72)	7.62 (0.30)	37.3 (1.47)	N/A	N/A	14.5 (0.57)	Y92E-GS30
								20.9 (0.90)	38.6 (1.52)		Y92E-GS30N

■ Proximity Sensor Spring Mount Blocks



Shielded Models

Unshielded Models

Offers the same protection as the threaded housings, available in anodized aluminum for M12, M18 and M30 shielded or unshielded proximity sensors. Plastic beveled end caps are included.

Ordering Information

Note: Shaded models are normally stocked. Un-shaded models require 2-3 weeks delivery.

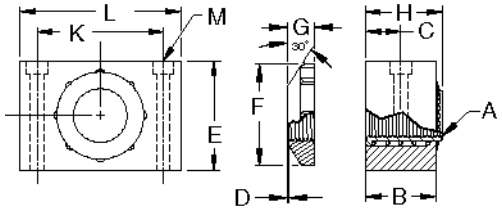
Barrel size	Description	Model
M8	Spring Mount Block for M8 Shielded Anodized Aluminum	**Y92E-GSB08**
M8	Spring Mount Block for M8 Unshielded Anodized Aluminum	**Y92E-GSB08N**
M12	Spring Mount Block for M12 Shielded Anodized Aluminum	**Y92E-GSB12**
M12	Spring Mount Block for M12 Unshielded Anodized Aluminum	**Y92E-GSB12N**
M18	Spring Mount Block for M18 Shielded Anodized Aluminum	**Y92E-GSB18**
M18	Spring Mount Block for M18 Unshielded Anodized Aluminum	**Y92E-GSB18N**
M30	Spring Mount Block for M30 Shielded Anodized Aluminum	**Y92E-GSB30**
M30	Spring Mount Block for M30 Unshielded Anodized Aluminum	**Y92E-GSB30N**

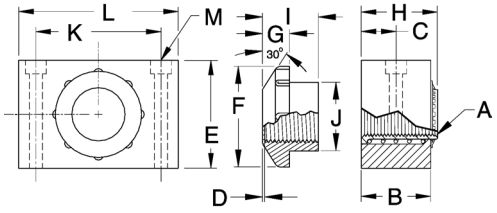
Dimensions

Unit: mm (inch)

Spring Mount Blocks

Model numbers ending in "N" are unshielded type and are depicted on the right, shielded models are depicted on the left. "O" dimension in the table is total allowable over travel. Dimensions for Stainless Steel versions are identical.





A	B	C	D	E	F	G	H	I	J	K	L	M	O	Model
M8x1	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	N/A	18.4 (0.72)	25.4 (1.00)	3.58 (0.14)	8.89 (0.35)	Y92E-GSB08
								9.51 (0.37)	11 (0.43)					Y92E-GSB08N
M12x1			0.51 (0.02)	25.4 (1.00)	22.9 (0.90)	6.35 (0.25)		N/A	N/A	24.8 (0.98)	38.1 (1.50)	5.16 (0.20)	10.4 (0.41)	Y92E-GSB12
								17.3 (0.68)	14.7 (0.58)					Y92E-GSB12N
M18x1	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	N/A	30.7 (1.21)		4.60 (0.18)	12.4 (0.47)	Y92E-GSB18
								17.8 (0.70)	23.9 (0.94)					Y92E-GSB18N
M30 x1.5	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	N/A	51.5 (2.03)	63.5 (2.50)	6.73 (0.26)	14.5 (0.57)	Y92E-GSB30
								22.9 (0.90)	38.6 (1.52)					Y92E-GSB30N

■ Replacement Beveled Plastic End Caps for Use with Spring Mounts

Replacement beveled plastic end caps only are available for spring mount threaded and block style housings. Please determine the Prox. Barrel size and if it is shielded or unshielded type. Shielded types are glass filled Nylon, unshielded types are Delrin®.

Ordering Information

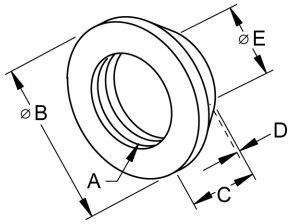
Note: Shaded models are normally stocked. Un-shaded models require 2-3 weeks delivery.

For barrel size	Description	Model
M8	Replacement End Cap for M8 Prox Shielded	**Y92E-ES08**
M8	Replacement End Cap for M8 Prox Unshielded	**Y92E-ES08M**
M12	Replacement End Cap for M12 Prox Shielded	**Y92E-ES12**
M12	Replacement End Cap for M12 Prox Unshielded	**Y92E-ES12M**
M18	Replacement End Cap for M18 Prox Shielded	**Y92E-ES18**
M18	Replacement End Cap for M18 Prox Unshielded	**Y92E-ES18M**
M30	Replacement End Cap for M30 Prox Shielded	**Y92E-ES30**
M30	Replacement End Cap for M30 Prox Unshielded	**Y92E-ES30M**

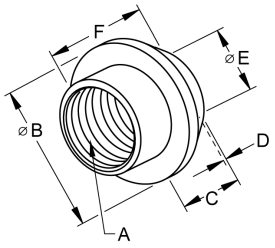
Dimensions

Unit: mm (inch)

Replacement Beveled Plastic Caps for Use with Spring Mount Housings



Shielded Type Glass Filled Nylon



Unshielded Type Delrin®

A	B	C	D	E	F	Model
M8x1	15.2 (.600)	5.28 (.210)	0.38 (.015)	6.45 (.250)	N/A	Y92E-ES08
	14.5 (.570)	5.08 (.200)			9.50 (.370)	Y92E-ES08M
M12x1	24.4 (.960)	6.35 (.250)	0.76 (.030)	11.4 (.450)	N/A	Y92E-ES12
	22.9 (.900)				17.3 (.680)	Y92E-ES12M
M18x1	31.3 (1.23)	8.38 (.330)		17.5 (.730)	N/A	Y92E-ES18
	34.0 (1.34)				17.8 (.700)	Y92E-ES18M
M30x1.5	43.7 (1.72)	7.62 (.300)	1.02 (.040)	29.2 (1.15)	N/A	Y92E-ES30
	44.5 (1.75)	7.87 (.310)			22.9 (.900)	Y92E-ES30M

■ Fast Mount Tubes, Fluoroplastic Coated Fast Mount Tubes and Fluoroplastic Resin Caps for Proximity Sensors

Install proximity sensors into the tube and simply twist to secure. Maintains sensing gap, reduces installation time. Standard versions are nickel-plated brass, Fluoroplastic coated versions protect the sensor from the harshest environments. Fluoroplastic resin end caps for fast mount tubes are also listed below. Dimensions differ from standard sensor caps for use on sensors not mounted in fast mount tubes. Caps are sold separately. Fast Mount Tubes are not Spring Loaded.

Ordering Information

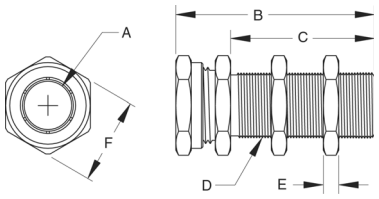
Note: Shaded models are normally stocked. Un-shaded models require 2-3 weeks delivery.

Barrel size	Description	Model
M8 Short	Fast Mount Tube for M8 Short Barrel Prox NPB	**Y92E-G08S**
M8 Long	Fast Mount Tube for M8 Long Barrel Prox NPB	**Y92E-G08L**
M12 Short	Fast Mount Tube for M12 Short Barrel Prox NPB	**Y92E-G12S**
M12 Long	Fast Mount Tube for M12 Long Barrel Prox NPB	**Y92E-G12L**
M18 Short	Fast Mount Tube for M18 Short Barrel Prox NPB	**Y92E-G18S**
M18 Long	Fast Mount Tube for M18 Long Barrel Prox NPB	**Y92E-G18L**
M30 Short	Fast Mount Tube for M30 Short Barrel Prox NPB	**Y92E-G30S**
M30 Long	Fast Mount Tube for M30 Long Barrel Prox NPB	**Y92E-G30L**
M8 Short	Fast Mount Tube for M8 Short Barrel Prox Fluoroplastic Coated	**Y92E-G08S-T**
M8 Long	Fast Mount Tube for M8 Long Barrel Prox Fluoroplastic Coated	**Y92E-G08L-T**
M12 Short	Fast Mount Tube for M12 Short Barrel Prox Fluoroplastic Coated	**Y92E-G12S-T**
M12 Long	Fast Mount Tube for M12 Long Barrel Prox Fluoroplastic Coated	**Y92E-G12L-T**
M18 Short	Fast Mount Tube for M18 Short Barrel Prox Fluoroplastic Coated	**Y92E-G18S-T**
M18 Long	Fast Mount Tube for M18 Long Barrel Prox Fluoroplastic Coated	**Y92E-G18L-T**
M30 Short	Fast Mount Tube for M30 Short Barrel Prox Fluoroplastic Coated	**Y92E-G30S-T**
M30 Long	Fast Mount Tube for M30 Long Barrel Prox Fluoroplastic Coated	**Y92E-G30L-T**
M8	Fluoroplastic Cap for M8 Prox mounted in a Fast Mount Tube	**Y92E-EG08-T**
M12	Fluoroplastic Cap for M12 Prox mounted in a Fast Mount Tube	**Y92E-EG12-T**
M18	Fluoroplastic Cap for M18 Prox mounted in a Fast Mount Tube	**Y92E-EG18-T**
M30	Fluoroplastic Cap for M30 Prox mounted in a Fast Mount Tube	**Y92E-EG30-T**

Dimensions

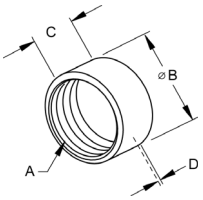
Unit: mm (inch)

Fast Mount Tubes



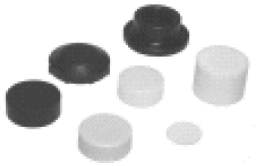
A	B	C	D	E	F	Model
8.18 (0.32)	32.4 (1.28)	17.5 (0.69)	M12x1	3.85 (0.15)	16.9 (0.67)	Y92E-G08S
	48.0 (1.93)	34.0 (1.34)				Y92E-G08L
12.1 (0.48)	33.7 (1.34)	19.5 (0.77)	M16x1	4.01 (0.16)	21.8 (0.86)	Y92E-G12S
	44.8 (1.76)	30.0 (1.18)				Y92E-G12L
18.1 (0.71)	38.5 (1.52)	20.0 (0.79)	M24x1.5	4.95 (0.19)	30.0 (1.18)	Y92E-G18S
	58.0 (2.28)	40.0 (1.57)				Y92E-G18L
30.1 (1.19)	35.0 (1.50)	20.0 (0.79)	M36x1.5	6.13 (0.24)	41.0 (1.61)	Y92E-G30S
	58.0 (2.28)	40.0 (1.57)				Y92E-G30L

Fluoroplastic Resin Sensor Caps for use with Sensors in Fast Mount Tubes



A	B	C	D	Model
M12x1	14.7 (0.58)	8.89 (0.35)	0.89 (.035)	Y92E-EG08-T
M16x1	19.1 (.750)	7.11 (0.28)	1.02 (.040)	Y92E-EG12-T
M24x1.5	28.4 (1.12)	8.89 (0.35)	1.27 (.0)	Y92E-EG18-T
M36x1.5	41.1 (1.62)		1.78 (.070)	Y92E-EG30-T

■ Sensor Caps Standard Versions in Fluoroplastic or Ceramic (not for use with fast mount tubes)



Ordering Information

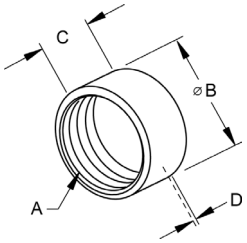
Note: Shaded models are normally stocked. Un-shaded models require 2-3 weeks delivery.

Barrel size	Description	Model
M12	Fluoroplastic Sensor Cap for M12 Shielded Prox	**Y92E-SC12-T**
M12	Fluoroplastic Sensor Cap for M12 Unshielded Prox	**Y92E-SC12N-T**
M12	Ceramic Sensor Cap for M12 Shielded Prox	**Y92E-SC12-C**
M12	Ceramic Sensor Cap for M12 Unshielded Prox	**Y92E-SC12N-C**
M18	Fluoroplastic Sensor Cap for M18 Shielded Prox	**Y92E-SC18-T**
M18	Fluoroplastic Sensor Cap for M18 Unshielded Prox	**Y92E-SC18N-T**
M18	Ceramic Sensor Cap for M18 Shielded Prox	**Y92E-SC18-C**
M18	Ceramic Sensor Cap for M18 Unshielded Prox	**Y92E-SC18N-C**
M30	Fluoroplastic Sensor Cap for M30 Shielded Prox	**Y92E-SC30-T**
M30	Fluoroplastic Sensor Cap for M30 Unshielded Prox	**Y92E-SC30N-T**
M30	Ceramic Sensor Cap for M30 Shielded Prox	**Y92E-SC30-C**
M30	Ceramic Sensor Cap for M30 Unshielded Prox	**Y92E-SC30N-C**

Dimensions

Unit: mm (inch)

Sensor Caps Standard Versions in Fluoroplastic or Ceramic



A	B	C	D	Model
M12x1	14.7 (0.58)	8.90 (0.35)	0.89 (.035)	Y92E-SC12
		15.2 (0.60)		Y92E-SC12N
M18x1	24.1 (0.95)	8.90 (0.35)	1.14 (.045)	Y92E-SC18
		17.8 (0.70)		Y92E-SC18N
M30x1.5	38.1 (1.50)	9.90 (0.39)	2.03 (0.08)	Y92E-SC30
		25.4 (1.00)		Y92E-SC30N

■ Sensor Caps Standard Versions Polyallylate Resin (not for use with fast mount tubes)

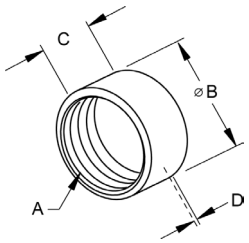
Ordering Information

Note: Shaded models are normally stocked. Un-shaded models require 2-3 weeks delivery.

Barrel size	Description	Model
M12	Polyallylate Resin Sensor Cap for M12 Shielded Prox	**Y92E-E12**
M12	Polyallylate Resin Sensor Cap for M12 Unshielded Prox	**Y92E-E12M**
M18	Polyallylate Resin Sensor Cap for M18 Shielded Prox	**Y92E-E18**
M18	Polyallylate Resin Sensor Cap for M18 Unshielded Prox	**Y92E-E18M**
M30	Polyallylate Resin Sensor Cap for M30 Shielded Prox	**Y92E-E30**
M30	Polyallylate Resin Sensor Cap for M30 Unshielded Prox	**Y92E-E30M**

Dimensions

Unit: mm (inch)



A	B	C	D	Model
M12x1	14mm dia.	5	0.5	Y92E-E12
		12		Y92E-E12M
M18x1	21mm dia.	6	1	Y92E-E18
		16		Y92E-E18M
M30x1.5	33mm dia.	8	1.5	Y92E-E30
		21		Y92E-E30M

■ Ceramic Face Disc

A ceramic face disc can be bonded to the sensing face of M12, M18 and M30 Proximity Sensors to protect the sensor from highly abrasive environments.

Ordering Information

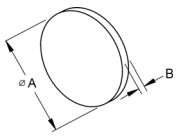
Note: Shaded models are normally stocked. Un-shaded models require 2-3 weeks delivery.

Barrel size	Description	Model
M8	Ceramic Face Disc for M8 Prox	**Y92E-CF08**
M12	Ceramic Face Disc for M12 Prox	**Y92E-CF12**
M18	Ceramic Face Disc for M18 Prox	**Y92E-CF18**
M30	Ceramic Face Disc for M30 Prox	**Y92E-CF30**

Dimensions

Unit: mm (inch)

M8, M12, M18 and M30 Proximity Sensors



A	B	Model
5.80 (0.23)	0.3 (0.012)	Y92E-CF08
10.4 (0.41)		Y92E-CF12
15.2 (0.60)	0.50 (.020)	Y92E-CF18
27.9 (1.10)		Y92E-CF30

■ Silicone Rubber Protective Covers

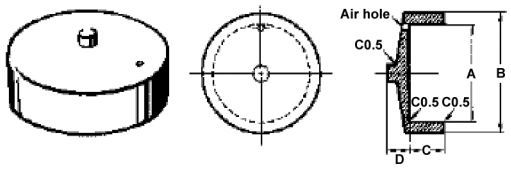
Ordering Information

Note: Shaded models are normally stocked. Un-shaded models require 2-3 weeks delivery.

Barrel size	Description	Model
M12	Silicone Rubber Protective Cover for M12 Prox	**Y92E-E12-2**
M18	Silicone Rubber Protective Cover for M18 Prox	**Y92E-E18-2**
M30	Silicone Rubber Protective Cover for M30 Prox	**Y92E-E30-2**

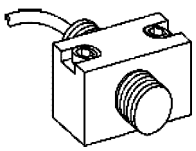
Dimensions

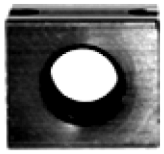
Unit: mm (inch)



Dimensions				Model
A dia.	B dia.	C	D	
11.0 (0.43)	14.0 (0.55)	5.0 (0.20)	1.0 (0.04)	Y92E-E12-2
17.0 (0.67)	21.0 (0.83)	6.0 (0.24)	3.0 (0.12)	Y92E-E18-2
28.5 (1.12)	33.0 (1.30)	8.0 (0.32)	6.0 (0.24)	Y92E-E30-2

■ Block Mounts Threaded Metal (Anodized Aluminum)





Install your proximity sensors into rugged heavy-duty anodized aluminum threaded block style mounts.

Ordering Information

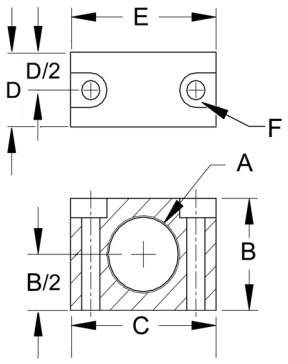
Note: Shaded models are normally stocked. Un-shaded models require 2-3 weeks delivery.

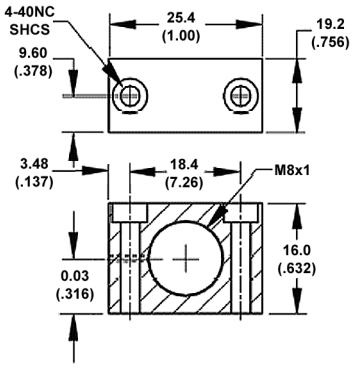
Barrel size	Description	Model
M8	Block Mount Threaded Metal for M8 Barrel Prox	**Y92E-B08MT**
M12	Block Mount Threaded Metal for M12 Barrel Prox	**Y92E-B12MT**
M18	Block Mount Threaded Metal for M18 Barrel Prox	**Y92E-B18MT**
M30	Block Mount Threaded Metal for M30 Barrel Prox	**Y92E-B30MT**

Dimensions

Unit: mm (inch)

M8, M12, M18 and M30 Version

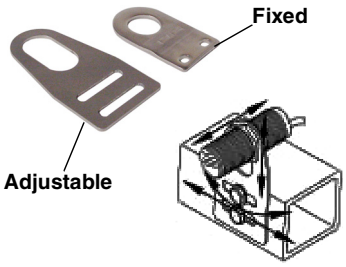


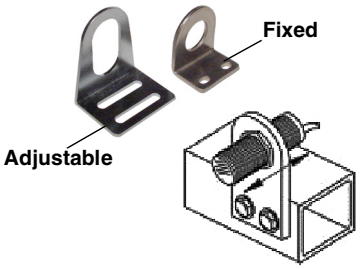


A	B	C	D	E	F	G	Model
M12x1	25.4 (1.00)	19.2 (.758)	38.1 (1.50)	25.0 (.980)	6.60 (.260)	10-32 SHCS	Y92E-B12MT
M18x1	31.8 (1.25)	25.4 (1.00)		30.7 (1.21)	3.70 (.145)	8-32 SHCS	Y92E-B18MT
M30x1.5	50.8 (2.00)	33.1 (1.30)	63.5 (2.50)	51.6 (2.03)	5.97 (.235)	1/4 SHCS	Y92E-B30MT

■ Flat and Right Angle Mounting Brackets

Brackets are available in fixed or slotted (adjustable) versions.





Ordering Information

Note: Shaded models are normally stocked. Un-shaded models require 2-3 weeks delivery.

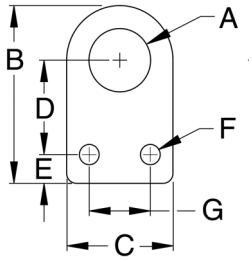
For barrel size	Description	Model
M12	Flat Bracket Fixed for M12 Prox 303 Stainless Steel	**Y92E-B12FS**
M18	Flat Bracket Fixed for M18 Prox 303 Stainless Steel	**Y92E-B18FS**
M30	Flat Bracket Fixed for M30 Prox 303 Stainless Steel	**Y92E-B30FS**
M8	Flat Bracket Adjustable for M8 Prox Zinc-plated CRS	**Y92E-B08FRAS**
M12	Flat Bracket Adjustable for M12 Prox Zinc-plated CRS	**Y92E-B12FRAS**
M18	Flat Bracket Adjustable for M18 Prox Zinc-plated CRS	**Y92E-B18FRAS**
M30	Flat Bracket Adjustable for M30 Prox Zinc-plated CRS	**Y92E-B30FRAS**
M12	Right Angle Bracket Fixed for M12 Prox 303 SS	**Y92E-B12AS**
M18	Right Angle Bracket Fixed for M18 Prox 303 SS	**Y92E-B18AS**
M30	Right Angle Bracket Fixed for M30 Prox 303 SS	**Y92E-B30AS**
M8	Right Angle Bracket Adjustable for M8 Prox Zinc-plated CRS	**Y92E-B08RAS**
M12	Right Angle Bracket Adjustable for M12 Prox Zinc-plated CRS	**Y92E-B12RAS**
M18	Right Angle Bracket Adjustable for M18 Prox Zinc-plated CRS	**Y92E-B18RAS**
M30	Right Angle Bracket Adjustable for M30 Prox Zinc-plated CRS	**Y92E-B30RAS**

Dimensions

Unit: mm (inch)

Flat Bracket Fixed Hole

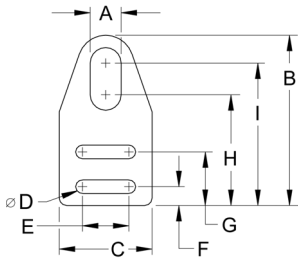
Mounting; Material is 303 Stainless Steel.



A	B	C	D	E	F	G	Material thickness	Model
12.1 (.476)	48.8 (1.92)	31.8 (1.25)	5.50 (.216)	19.1 (.750)	11.9 (.470)	32.9 (1.30)	3.05 (.120)	Y92E-B12FS
18.1 (.713)	58.4 (2.30)	38.1 (1.50)	6.12 (.241)	25.4 (1.00)	7.37 (.290)	41.4 (1.63)		Y92E-B18FS
30.1 (1.18)	87.1 (3.43)	50.8 (2.00)	9.93 (.312)	31.8 (1.25)	9.53 (.375)	61.4 (2.42)		Y92E-B30FS

Flat Bracket Slotted (Adjustable) Hole

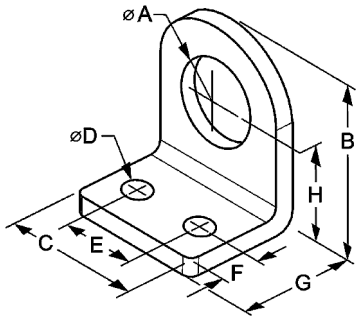
Mounting; Material is Zinc-plated carbon steel.



A	B	C	D	E	F	G	H	I	Material thickness	Model
8.10 (.319)	54.3 (2.14)	31.7 (1.25)	5.60 (.220)	15.9 (.625)	7.14 (.281)	19.0 (.749)	38.7 (1.52)	46.2 (1.82)	1.78 (.070)	Y92E-B08FRAS
12.1 (.476)	69.9 (2.75)	38.1 (1.50)		19.1 (.750)	7.92 (.312)	22.2 (.875)	45.7 (1.80)	58.4 (2.30)		Y92E-B12FRAS
18.1 (.713)	82.6 (3.25)	44.5 (1.75)		25.4 (1.00)			50.8 (2.00)	66.7 (2.63)		Y92E-B18FRAS
30.1 (1.18)	105 (4.11)	57.2 (2.25)	7.24 (.285)	34.8 (1.37)	10.3 (.406)	30.9 (1.22)	49.0 (1.93)	61.2 (2.14)	2.16 (.095)	Y92E-B30FRAS

Right Angle Bracket Fixed Hole

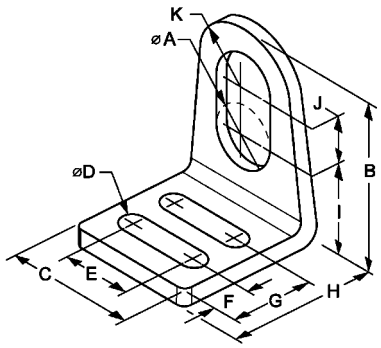
Mounting; Material is 303 Stainless Steel.



A	B	C	D	E	F	G	H	Material thickness	Model
12.1 (.476)	28.6 (1.13)	31.8 (1.25)	5.50 (.216)	19.1 (.750)	11.9 (.470)	25.4 (1.00)	13.5 (.530)	3.00 (.118)	Y92E-B12AS
18.1 (.713)	38.5 (1.52)	38.1 (1.50)	6.12 (.241)	25.4 (1.00)	7.37 (.290)		19.8 (.781)		Y92E-B18AS
30.1 (1.18)	54.3 (2.14)	50.8 (2.00)	7.92 (.312)	31.8 (1.25)	9.53 (.375)	38.0 (1.50)	28.6 (1.13)		Y92E-B30AS

Right Angle Bracket Slotted (Adjustable) Hole

Mounting; Material is Zinc-plated carbon steel.



A	B	C	D	E	F	G	H	I	J	K	Material thickness	Model
8.1 (.319)	25.4 (1.00)	31.8 (1.25)	5.54 (.218)	15.9 (.625)	7.14 (.281)	19 (.749)	31.8 (1.25)	9.83 (.387)	7.62 (.300)	7.95 (.313)	1.78 (.070)	Y92E-B08RAS
12.1 (.476)	38.1 (1.50)	38.1 (1.50)		19.1 (.750)	7.92 (.312)	22.2 (.875)	34.8 (1.37)	14.0 (.550)	12.7 (.500)	11.4 (.450)		Y92E-B12RAS
18.1 (.713)	50.8 (2.00)	44.5 (1.75)		25.4 (1.00)				19.1 (.750)	15.9 (.625)	15.9 (.625)		Y92E-B18RAS
30.1 (1.18)	63.5 (2.50)	57.2 (2.25)	7.13 (.281)	34.8 (1.37)	10.3 (.406)	30.9 (1.22)	44.5 (1.75)	23.0 (.907)	19.1 (.750)	21.4 (.843)	2.16 (.095)	Y92E-B30RAS

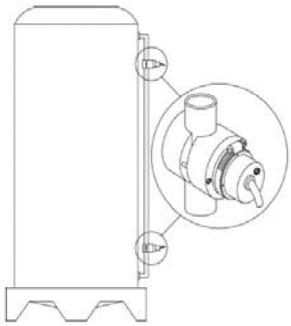
■ Sight Glass Mounts

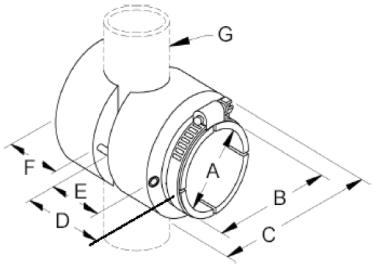
Quickly attach tubular sensors to glass and plastic tubes for level detection. Often used in pairs (high-low) to detect absence or presence of liquids to activate pumps and drains in process control applications. Sight glass mounts offer adjustments “on the fly” with visual feedback for M12, M18 and M30 sensors, mounted to 9.5mm (3/8") through 44mm (1-3/4") pipes. Delrin® construction with all stainless steel fasteners provides corrosion resistance. Instantly converts tubular controls to level sensors, rapid, “out of tank" level adjustments, simple sensor change-out / replacement and very secure mounting.

Ordering Information

Note: Shaded models are normally stocked. Un-shaded models require 2-3 weeks delivery.

Barrel size	Description	Model
M12	Sight Glass Mount for M12 Barrel Prox	**Y92E-SGM12**
M18	Sight Glass Mount for M18 Barrel Prox	**Y92E-SGM18**
M30	Sight Glass Mount for M30 Barrel Prox	**Y92E-SGM30**
M30 (34mm)	Sight Glass Mount for M30 (34mm) Barrel Prox	**Y92E-SGM34**





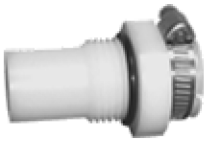
Dimensions

Unit: mm (inch)

A	B	C	D	E	F	G	Model
12.1 (0.48)	19.6 (0.77)	38.1 (1.50)	29.5 (1.16)	13.0 (0.51)	10.5 (0.42)	9.40 to 20.6 (0.37 to 0.81)	Y92E-SGM12
18.1 (0.71)	25.4 (1.00)	45.0 (1.77)	38.1 (1.50)	15.9 (0.63)	11.7 (0.46)		Y92E-SGM18
30.1 (1.19)	36.8 (1.45)	69.9 (2.75)	67.8 (2.69)	31.8 (1.25)	19.1 (0.75)	25.4 to 44.5 (1.00 to 1.75)	Y92E-SGM30
34.1 (1.34)							Y92E-SGM34

■ Sensor Wells

Sensor Wells are used to adapt tubular proximity sensors to a wide variety of vessels for level detection applications. Different style wells allow a variety of attachment options. Sensor Wells keep systems sealed prior to sensor installation, as well as during sensor removal. Reliability and performance is improved because the sensor is isolated from the system fluids / materials. Sensor Wells are available in Delrin®, HDPE and Fluoroplastic models Flange Mount, SAE & NPT threads. Sensor Wells Isolate sensor from system fluids / materials, offers a highly reliable sealing method, simplifies sensor change-out process and extends the sensor operating lifetime. Maximum operating temperature for SWNPT Delrin version is 180 degrees F. Maximum operating temperature for SWNPT Fluoroplastic version is 350 degrees F. Maximum operating temperature for SWSAE UHMW material is 150 degrees F.



SAE Thread Model

Flange Mount Model

NPT Model

Ordering Information

Note: Shaded models are normally stocked. Un-shaded models require 2-3 weeks delivery.

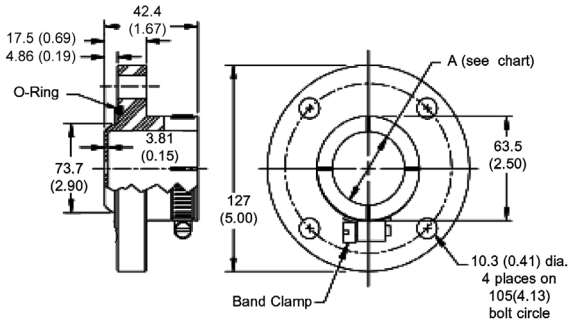
Sensor well type	Description	Model
Flange Mount	Sensor Well Flange Mount M30 Proximity	**Y92E-SWFM30**
Flange Mount	Sensor Well Flange Mount M30 (34mm) Proximity	**Y92E-SWFM34**
NPT Thread	Sensor Well NPT Thread Delrin M12	**Y92E-SWNPT12-D**
NPT Thread	Sensor Well NPT Thread Fluoroplastic M12	**Y92E-SWNPT12-T**
NPT Thread	Sensor Well NPT Thread Delrin M18	**Y92E-SWNPT18-D**
NPT Thread	Sensor Well NPT Thread Fluoroplastic M18	**Y92E-SWNPT18-T**
NPT Thread	Sensor Well NPT Thread Delrin M30	**Y92E-SWNPT30-D**
NPT Thread	Sensor Well NPT Thread Fluoroplastic M30	**Y92E-SWNPT30-T**
NPT Thread	Sensor Well NPT Thread Delrin 34mm	**Y92E-SWNPT34-D**
NPT Thread	Sensor Well NPT Thread Fluoroplastic 34mm	**Y92E-SWNPT34-T**
SAE Thread	Sensor Well SAE Thread Delrin M18	**Y92E-SWSAE18-D**

Note: Flange Mount Smooth Bore (SWFM) models are fabricated using UHMW polyethylene. The O-ring, with an OD of 88.0(3.46), produces the seal and is supplied with Sensor Well.

Dimensions

Unit: mm (inch)

Sensor Well Flange Mount

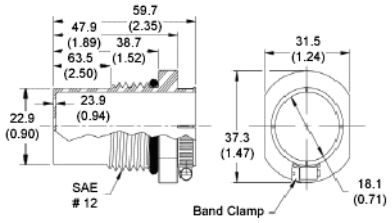


"A" Dimension	Model
30.1 (1.19)	Y92E-SWFM30
34.1 (1.35)	Y92E-SWFM34

Sensor Well NPT Thread

A	B	C	D	E	F	NPT	G	H	I	Model
44.5 (1.75)	33.0 (1.30)	26.7 (1.05)	9.14 (0.36)	0.76 (0.03)	17.8 (0.70)	1/2x14	25.1 (0.99)	31.8 (1.25)	12.1 (0.48)	Y92E-SWNPT12-(D/T)
59.7 (2.35	48.1 (1.90)	38.9 (1.53)	16.5 (0.65)	1.27 (0.05)	22.6 (0.89)	3/4x14	31.5 (1.24)	37.3 (1.47)	18.1 (0.71)	Y92E-SWNPT18-(D/T)
				1.91 (0.08)	36.6 (1.44)	1-1/4x11.5	44.5 (1.75)	50.0 (1.97)	30.1 (1.19)	Y92E-SWNPT30-(D/T)
			19.3 (0.76)	2.03 (0.08)	41.1 (1.63)	1-1/2x11.5	56.9 (2.24)	63.2 (2.49)	34.1 (1.34)	Y92E-SWNPT34-(D/T)

Sensor Well SAE Thread for M18 Prox



■ Sensor Checker

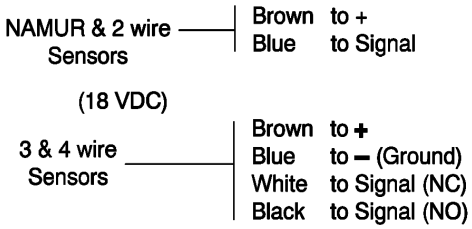
Full Function Sensor Checker in a pocket-sized non-metallic enclosure. Includes easy push-type terminals making wire connections simple and quick. Allows troubleshooting and or demonstration of DC sensors; 2, 3, 4-wire and NAMUR type sensor built to DIN 19234 specifications. Confirms operation of inductive, photoelectric, capacitive and ultrasonic sensors. Wiring instructions are printed on the case. Includes dual operation indicators LED and buzzer. Uses and is supplied with two 9V batteries. Easily confirm sensor operation, confirm PNP vs. NPN, reduce your troubleshooting time.

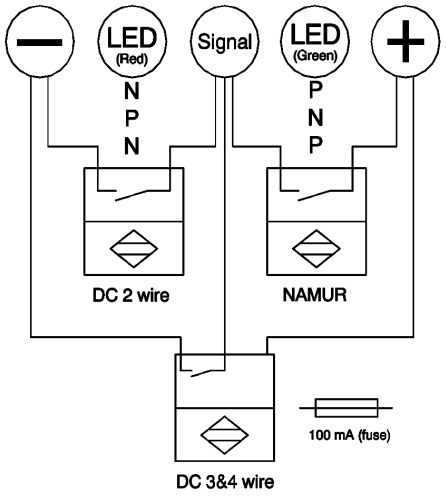
Ordering Information

Note: Shaded models are normally stocked. Un-shaded models require 2-3 weeks delivery.

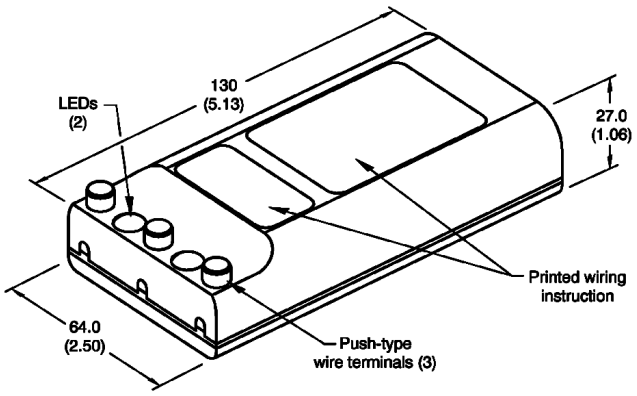
	Model
Sensor Checker includes 2 9V Batteries	**Y92E-SC1**

Wiring Connections





Specifications



Supply voltage	18 VDC
Maximum rated load	100mA (fused)
Short circuit protection	Yes
Over voltage protection	Yes
LED display	Yes (2)
Audible output	Yes
Operating temperature	Room temperature
Humidity	80% noncondensing
Housing material	ABS
Protection class	IP67
Battery	9v (2)

■ Weld Jacket

Weld Jacket is a protective covering for cordsets. Weld Jacket slips over the cable and the connector portion to offer protection in harsh welding environments. Weld Jacket is available in ½" or ¾" diameter by 3 foot or 50 foot lengths.

Ordering Information

Note: Shaded models are normally stocked. Un-shaded models require 2-3 weeks delivery.

Jacket diameter	Description	Model
½"	½" Weld Jacket 36 inch length	**Y92E-WJ12X36IN**
½"	½" Weld Jacket 50 foot length	**Y92E-WJ12X50FT**
¾"	¾" Weld Jacket 36 inch length	**Y92E-WJ34X36IN**
¾"	¾" Weld Jacket 50 foot length	**Y92E-WJ34X50FT**

Description: Woven fiberglass sleeving coated with a specially formulated and proprietary silicone rubber. Exhibits exceptional high-temperature properties, flexibility, and toughness and abrasion resistance. Silicone rubber finish provides superior thermal protection, flame resistance and makes it an ideal choice for welding applications requiring outstanding physical and insulation properties in high operating temperatures.

Thermal Endurance: -80°C to +240°C (-112°F to +464°F)

Chemical Endurance:

1. Oil and Solvent Resistance: passes MIL-I-3190/9
2. Water Vapor Resistance: passes MIL-I-3190/9
3. Excellent Resistance to Acids and Alkalis.
4. Resistance to mildew, aging and sunlight: unaffected by sunlight and weather.
5. Compatibility UL 1446 Good. Compatible with most varnishes.

Standards: Exceeds the requirements of UL 1441- table 19.8, NEMA TF-1- type 5 and ASTM-D372.