

■ Proximity Sensor Spring Mount Threaded Housings

Acts as a
shock absorber



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.

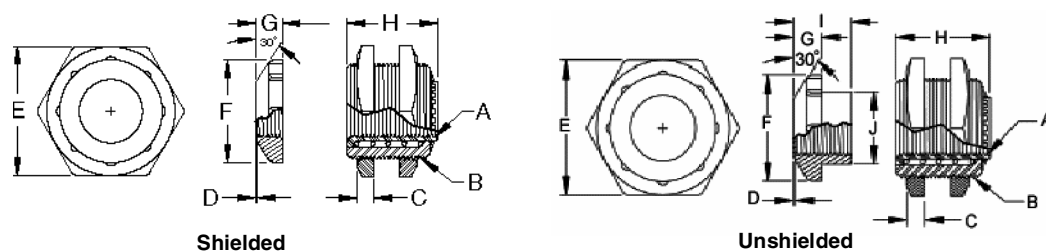
Barrel size	Description	Model
M8	Spring Mount for M8 Shielded Anodized Aluminum	Y92E-GS08
M8	Spring Mount for M8 Unshielded Anodized Aluminum	Y92E-GS08N
M12	Spring Mount for M12 Shielded Anodized Aluminum	Y92E-GS12
M12	Spring Mount for M12 Unshielded Anodized Aluminum	Y92E-GS12N
M18	Spring Mount for 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)

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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.



A	B	C	D	E	F	G	H	I	J	O	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