

■ 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.

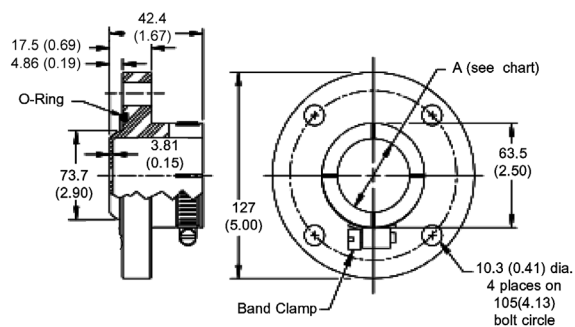
Sensor well type	Description	Model
Flange Mount	Sensor Well Flange Mount M30 Proximity	Y92E-SWFM30
Flange Mount	Sensor Well Flange Mount M30 (34mm) Proximity	Y92E-SWFM34
NPT Thread	Sensor Well NPT Thread Delrin M12	Y92E-SWNPT12-D
NPT Thread	Sensor Well NPT Thread Fluoroplastic M12	Y92E-SWNPT12-T
NPT 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

