



SJE Rhombus® Sub-X™ Submersible Level Transmitters

- Nonconductive, corrosion-resistant PVC construction
- Features protective nose weight and large sensor diaphragm

Sub-X submersible level transmitters offer a reliable, low-maintenance solution for level control applications. These lightweight yet robust units feature nonmetallic, nonconductive construction that withstands submersion in tough wastewater conditions. The PVC body resists corrosion, while the extra-large 1 1/4" Viton® diaphragm minimizes fouling from grease and dirt.

Mounting is simple using the included stainless steel bracket with cord strain relief. An included removable nose weight stabilizes transmitters in turbulent submersible applications.

A ventilation tube in the cable automatically compensates for atmospheric pressure changes. We strongly recommend using a desiccant drying cartridge (stock # 69032; sold separately) to protect against moisture in the tube.

Note: These transmitters are available only in the configurations listed below.

RANGE (PSI)	RANGE (FT H ₂ O)	CABLE LENGTH	STOCK #	EACH
0 to 7.25	0 to 16.7	25'	18070	\$
0 to 7.25	0 to 16.7	50'	18071	
0 to 7.25	0 to 16.7	75'	18072	
0 to 7.25	0 to 16.7	100'	18073	
0 to 14.5	0 to 33.4	25'	18074	
0 to 14.5	0 to 33.4	50'	18075	
0 to 14.5	0 to 33.4	75'	18076	
0 to 14.5	0 to 33.4	100'	18077	

Accessories

DESCRIPTION	STOCK #	EACH
Desiccant Drying Cartridge, 6"L x 0.75"Dia	69032	\$
Cable Junction Box, Vented	47129	



Wetted materials:	PVC body, Viton diaphragm, EPDM cable seal, epoxy coated cast iron weight
Cable:	vented, 18/2 shielded with TPE (thermoplastic elastomer) jacket
Accuracy:	±1% of full scale
Power:	8-32 VDC
Output:	4-20 mA, 2-wire
Pressure limit:	58 psi (133.6 ft H ₂ O)
Operating conditions:	32 to 122°F
Dimensions:	5.75"L x 2.6"Dia (with weight installed)

Termination Enclosures for Submersible Transmitters

- Works with any brand of submersible transmitter
- Prevents moisture damage to vented transmitters

Keep vent tube moisture from shorting out the electronics in your submersible transmitters. These enclosures allow for safe termination of vented transmitter cable in an IP66-rated polycarbonate box. Enclosures contain your choice of either an aneroid bellows or a desiccant vent filter to provide moisture protection.

An enclosure vent equalizes barometric pressure in the transmitter for superior accuracy. Removable enclosure lid has a neoprene seal; it's clear so you can see inside. Enclosure also works great as a junction box for splicing expensive vented cable to inexpensive signal wire for long runs. Measures 9.45" L x 6.30" W x 4.72" H.

Includes: ten-conductor terminal strip, four mounting screws and two installed cable glands.

DESCRIPTION	STOCK #	EACH
Termination Enclosure/Junction Box with Aneroid Bellows	12825	\$
Termination Enclosure/Junction Box with Desiccant Vent Filter	12823	

ACCESSORIES

Shielded Instrument Extension Wire (Non-Vented), 22/3 Gauge	42740	\$ /ft
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Model with Desiccant Vent Filter 12823

We also RECOMMEND...

Vent Filters & Accessories

Vent tube filters extend the life of your transmitter by preventing moisture from entering the vent tube and draining into the electronic assembly. Stainless steel desiccant drying cartridges have a five-year life (minimum).



A Vent Tube Filter 47126

C Aneroid Bellows 69033

B Desiccant Drying Cartridge 47127

DESCRIPTION	FITS MODELS	STOCK #	EACH
A Vent Tube Filter, Teflon®, 0.43"L x 0.28"Dia	WIKA LS-10 (page 919)	47126	\$
B Desiccant Drying Cartridge, 7.7"L x 0.86"Dia	WIKA LS-10 (page 919)	47127	
Desiccant Drying Cartridge, SuperDry™, 6"L x 0.75"Dia	KPSI, All (pages 920-923)	69032	
SS Desiccant Drying Cartridge, 2.75"L x 0.75"Dia	KPSI, All (pages 920-923)	16627	
C Aneroid Bellows, 2.5" x 1.47"	KPSI, All (pages 920-923)	69033	