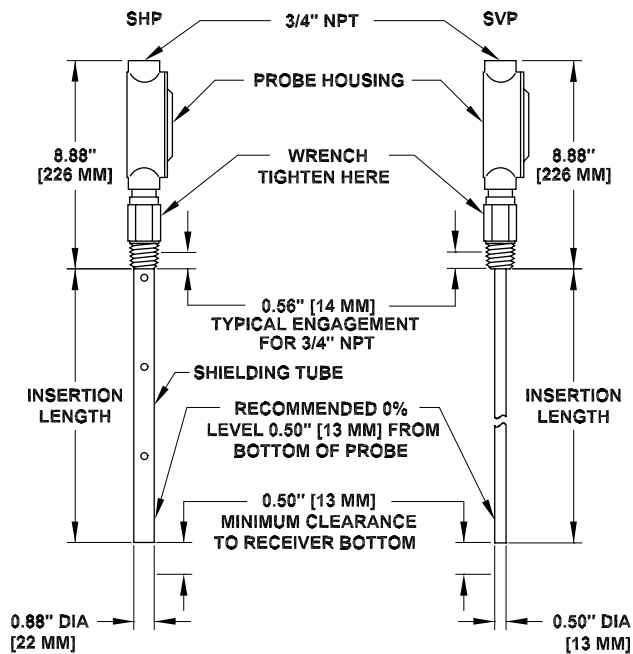


INSTALLATION DIMENSIONS

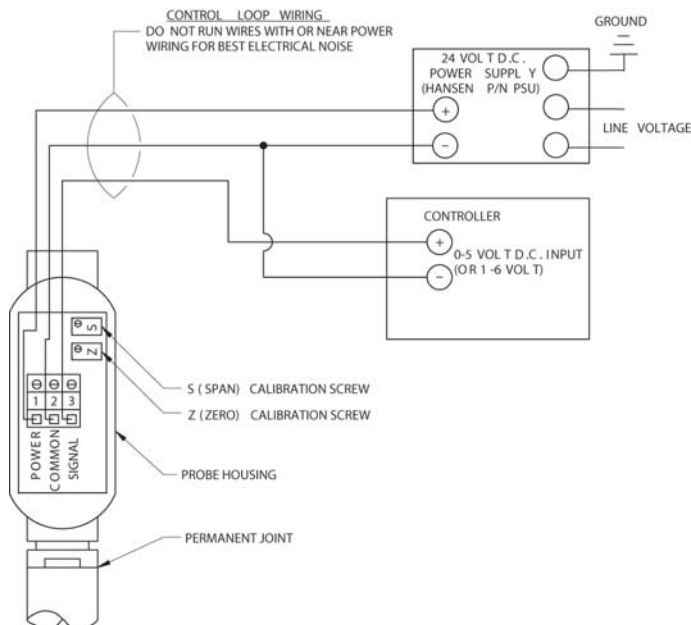


FOR HORIZONTAL RECEIVERS*			
CAT. NO.	INSERTION LENGTH	CAT. NO.	INSERTION LENGTH
SHP06	6" (152 mm)	SHPR06	7" (179 mm)
SHP08	8" (203 mm)	SHPR08	9" (229 mm)
SHP12	12" (305 mm)	SHPR12	13" (330 mm)
SHP16	15.3" (387 mm)	SHPR16	16.25" (413 mm)
SHP20	19.2" (487 mm)	SHPR20	20.25" (514 mm)
SHP24	23.1" (586 mm)	SHPR24	24.25" (616 mm)

FOR VERTICAL RECEIVERS*			
CAT. NO.	INSERTION LENGTH	CAT. NO.	INSERTION LENGTH
SVP36	36" (914 mm)	SVPR36	37" (940 mm)
SVP48	48" (1219 mm)	SVPR48	49" (1245 mm)
SVP54	54" (1372 mm)	SVPR54	55" (1397 mm)
SVP60	60" (1524 mm)	SVPR60	61" (1550 mm)

*Horizontal Receiver Probes (SHP or SHPR) should also be used in vertical receivers that are shorter than 23.1" (587 mm) insertion, narrower than 12" (304 mm) diameter, or wider than 20" (508 mm) diameter.

TYPICAL WIRING DIAGRAM



Important: To protect electronics from moisture, dirt, etc., seal the 3/4" NPT electrical opening on top of the probe housing with a watertight cable connector or seal the wires inside a field-installed conduit fitting with silicone sealant.

RECALIBRATION INSTRUCTIONS

These transducer probes are accurately factory precalibrated for receivers with the specified refrigerant. SHP(R) probes should not require any field calibration unless the refrigerant is different than specified on the probe housing. However, it is the responsibility of the installer to ensure proper calibration. SVP(R) probes are factory calibrated

for a 16" diameter vertical receiver and generally only require recalibration for other receiver diameters or refrigerants. Unless otherwise requested, probes are calibrated for R22/R404A. This standard calibration is also suitable (within 5%) for R134a, R507, R23, and R410A. For greatest accuracy, the probes should be recalibrated after the system has operated for a time and once the system operation, refrigerant chemistry, and level probe have reached equilibrium.

The transducer probe recalibration can be performed with the jumper in either the 0-5 or 1-6 position. The following procedure assumes the jumper is in the 0-5 position. If the recalibration is done with the jumper in the 1-6, add 1 volt DC to the voltage measurements specified below.

Monitor the output voltage using a voltmeter installed in parallel with the signal and common leads of the control loop (terminals 2 and 3). Lower the refrigerant level in the receiver to a level equal to 0%. The voltmeter reading should be 0.0 volts DC. If not, adjust the Z (ZERO) calibration screw for a reading of 0.0 volts DC.

Raise the liquid level in the receiver to the 50% level. The voltmeter reading should be 2.5 volts DC. If not, adjust the S (SPAN) calibration screw. The recalibration is complete.

To change the signal type, simply move the jumper to the appropriate position. No recalibration or adjustment is required.