

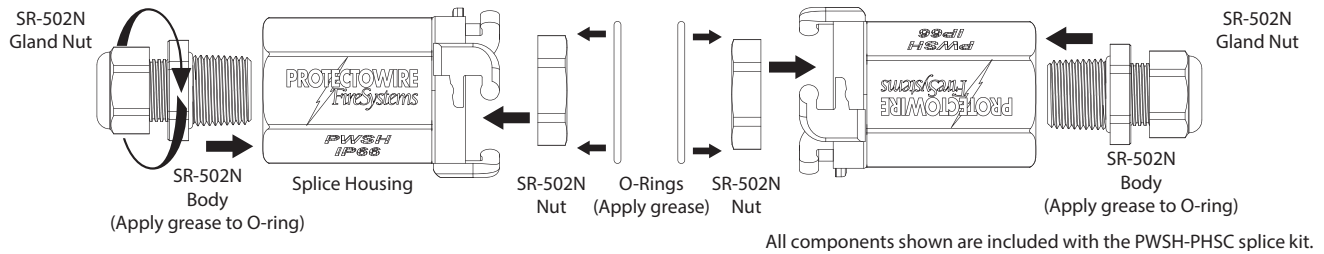
PWSH - PHSC/PLR Splicing Instructions

Step 1

Assemble the PWSH connector housing by inserting the SR-502N cable glands into each housing as shown, then insert the cable gland nut and tighten to 33.2 in-lbs (3.75 Nm).

Insert the included PWSH O-rings within the connector housings' O-ring seat.

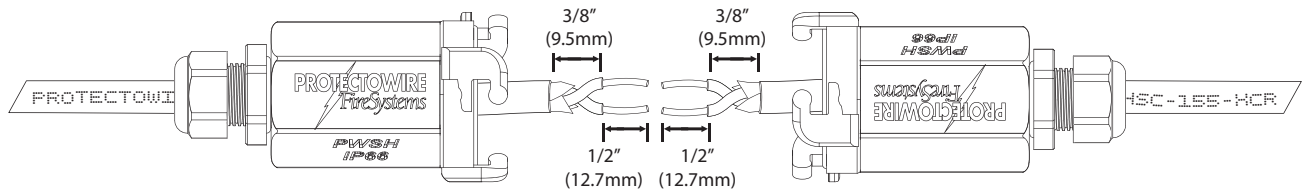
Note: It is recommended that all O-rings are lubricated with silicone grease before tightening.



Step 2

Insert each end of the Protectowire Linear Heat Detector through the SR-502N cable gland. Strip each end of the detector to the dimensions shown.

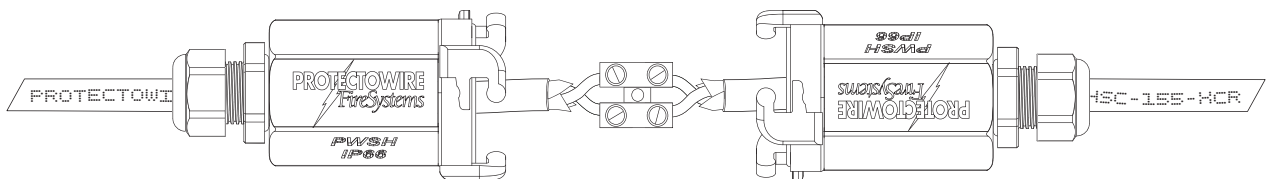
Strip Length: 3/8" (9.5mm) 1/2" (12.7mm)



Step 3

Insert each conductor of the Protectowire Linear Heat Detector into the PWSC terminals.

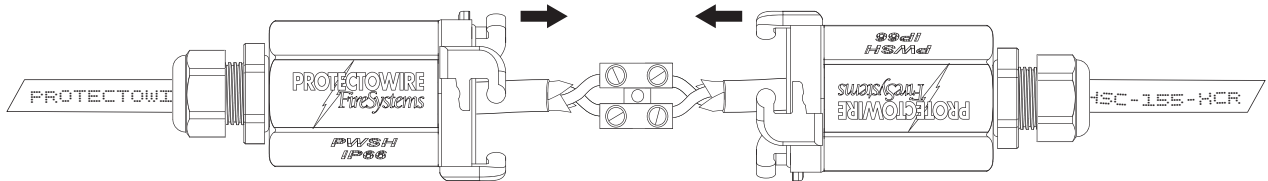
Ensure each conductor is below two compression terminals. Tighten each of the four screw terminals and confirm each conductor is compressed below both terminals.



Step 4

Slide each PWSH housing over the PWSC connector.

The PWSH housings should be rotated 60° counterclockwise to allow the locking tabs to bypass each other.



Step 5

Rotate the PWSH housings clockwise 60° while pressing them together to compress the O-rings and interlocking tabs.

Rotate the SR-502N cable gland nuts to 22.1 in-lbs (2.5 Nm) until the gland seals make firm contact with the outer jacket of the Linear Heat Detector.

Note: It is recommended that all O-rings are lubricated with a silicone grease before tightening.

