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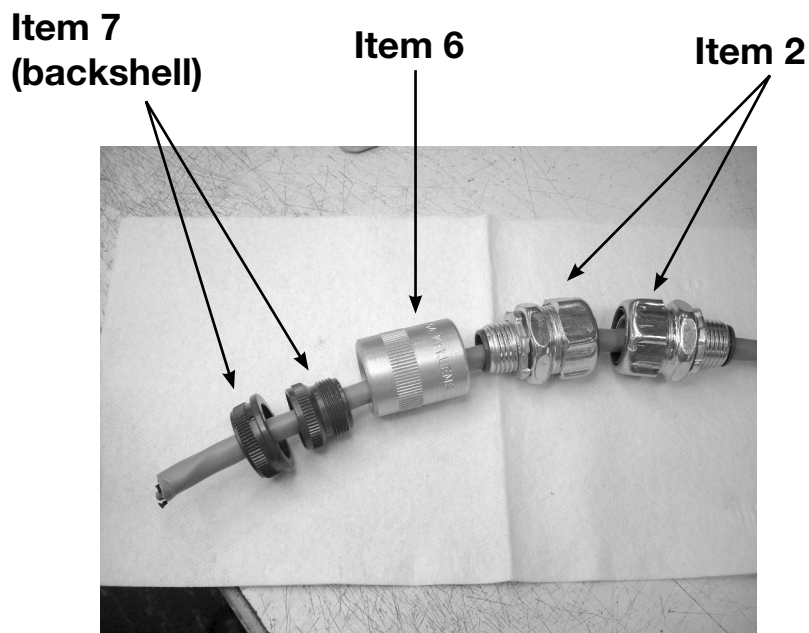
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1. 7 Pin Amphenol Connector & High Temperature Cable

Parts Listing for 7 pin Amphenol Connector

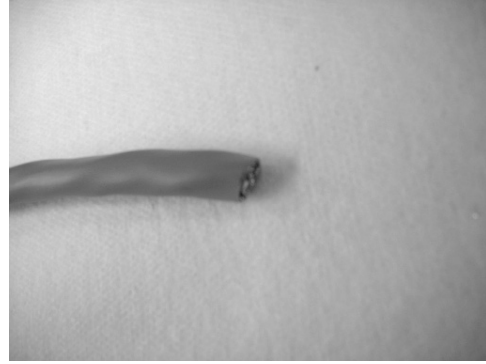
<u>Item No.</u>	<u>Nomenclature</u>	<u>Unit Issue</u>	<u>QTY</u>
1	Crimps	EA	7
2	Flex Conduit Connector	EA	2
3	85mm Heat Shrink	EA	1
4	15mm Heat Shrink	EA	7
5	Wire labels	EA	7
6	Amphenol to Conduit Connector	EA	1
7	Seven (7) pin Amphenol Connector	EA	1

***Items 1 & 5 will be installed on the Analyzer side**



WZ-H Connector Assembly

1. Cut cable length accordingly.



2. Slide the components over the cable as shown

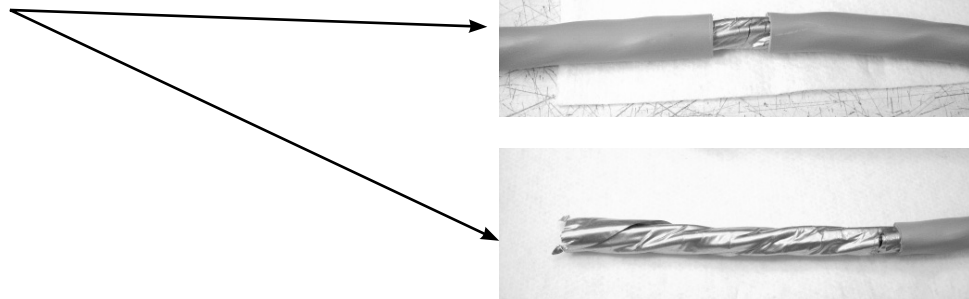
* Flexible conduct not shown, to be provided by customer.



3. Score the outer cable jacket at 85mm.



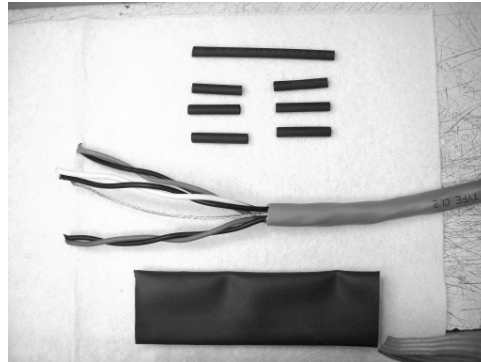
4. Remove the outer cable insulation to expose the foil shielding.



5. Remove foil shield to expose conductors.



6. Prepare 1" sections of 15mm heat shrink for application.

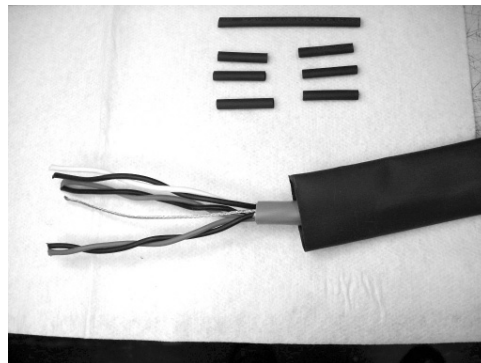


7. Slide heat shrink over cable.



CAUTION

Do not apply heat
at this time.

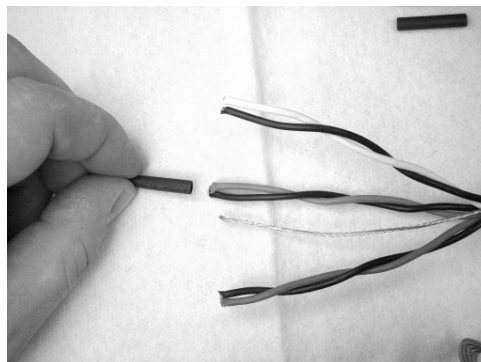


8. Push 1" sections of (15mm) heat shrink over individual conductors.

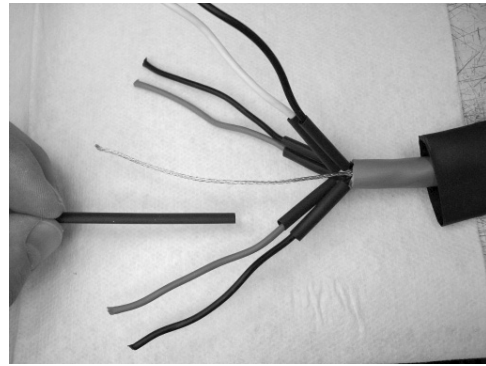


CAUTION

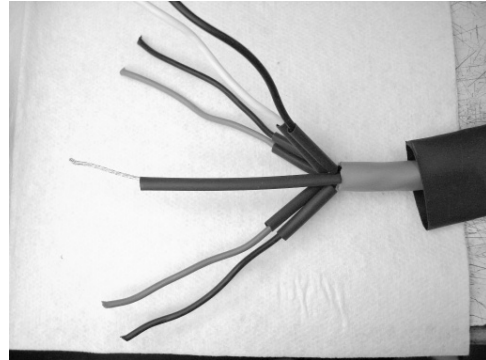
Do not apply heat
at this time.



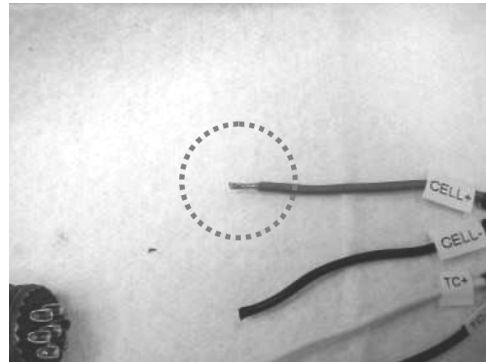
9. Push 3" section of (15mm) heat shrink over ground wire.



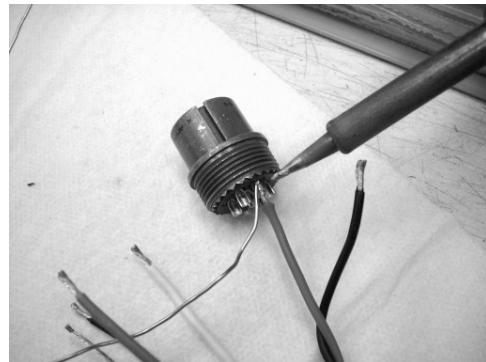
Example of cable preparation.



10. Strip approximately 5mm of insulation from conductors.

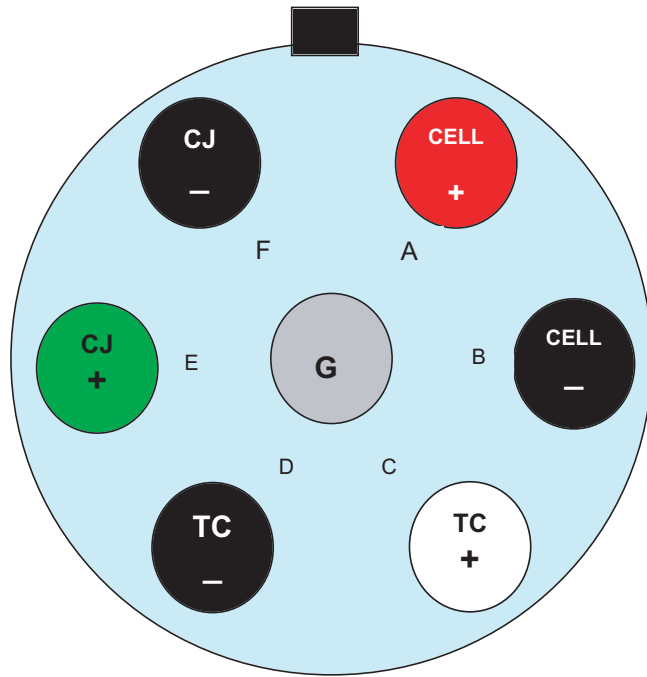


11. Solder the conductors to the Amphenol connector. Solder joints should be neat, clean and not touching each other.



Soldering view for WZ cable

A	CELL +	RED
B	CELL -	BLACK
C	TC +	WHITE
D	TC -	BLACK
E	CJ +	GREEN
F	CJ -	BLACK
G	GROUND	SILVER



Ensure notch is in between A & F on the 7 pin connector.
Ensure notch is in between A & C on the 3 pin connector.

12. Solder joints should be neat, clean and not touching each other.



CAUTION

Do not apply excessive heat. Prolonged exposure to heat gun will cause the shrink tubing to split and fray.



13. Slide the heat shrink over the soldered connections, apply heat and seal the connections.



14. Slide the larger heat shrink tube and apply heat.



CAUTION

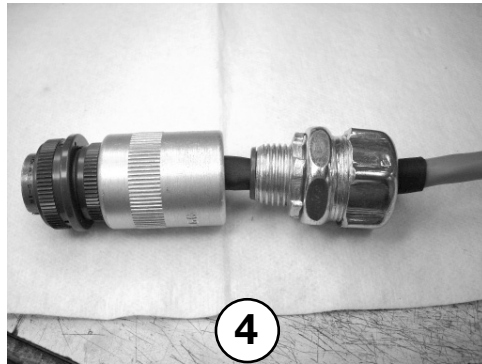
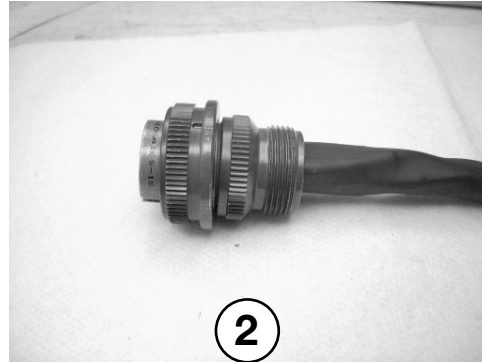
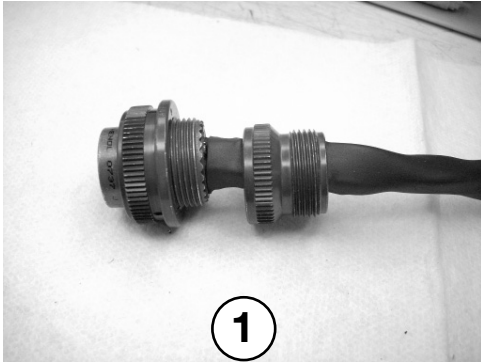
Do not apply excessive heat. Prolonged exposure to heat gun will cause the shrink tubing to split and fray.



15. Assemble backshell.



Connector & Backshell Assembly



Final Connector Assembly

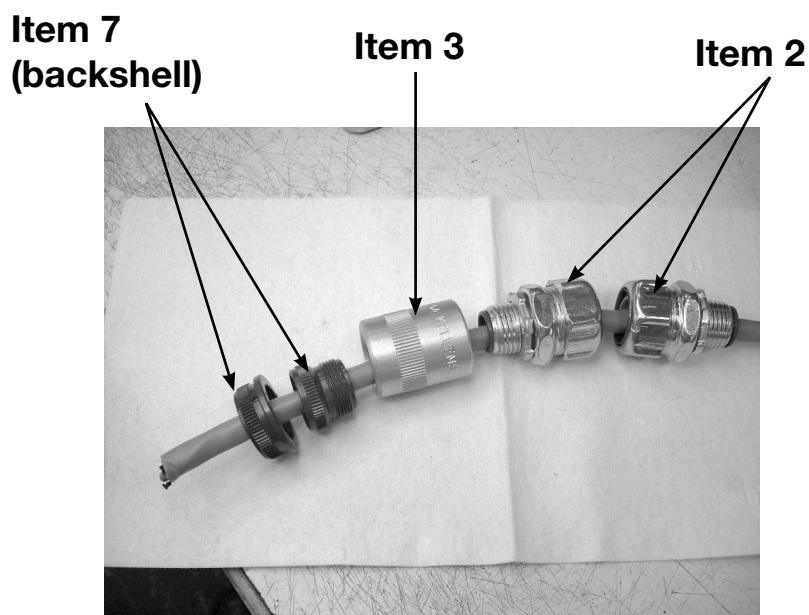


2. 3 Pin Amphenol Connector & High Temperature Cable

Parts Listing for 3 pin Amphenol Connector

Item No.	Nomenclature	Unit Issue	QTY
1	Crimps	EA	3
2	Flex Conduit Connector	EA	2
3	Amphenol to Conduit Connector	EA	1
4	100mm Heat Shrink	EA	1
5	15mm Heat Shrink	EA	3
6	Wire labels	EA	3
7	Three (3) pin Amphenol Connector	EA	1

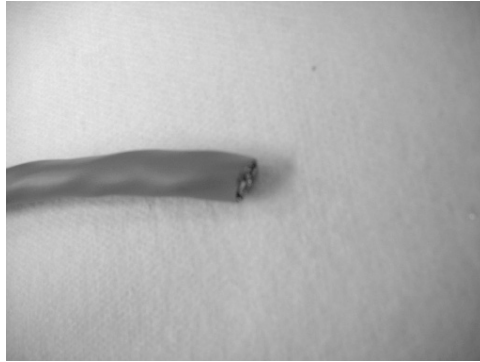
*Items 1 & 6 will be installed on the Analyzer side. Flexible conduct not shown, to be provided by customer.



*Flexible conduct not shown.

WZ-H Connector Assembly

1. Cut cable to length.



2. Slide connector parts over cut cable (as shown):

* Flexible conduct not shown, to be provided by customer.



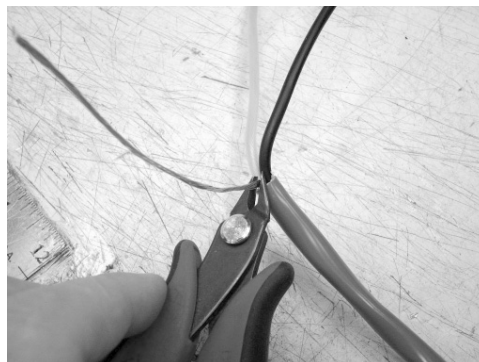
3. Remove 85mm of outer cable jacket.



4. Remove foil shield to outer cable jacket.



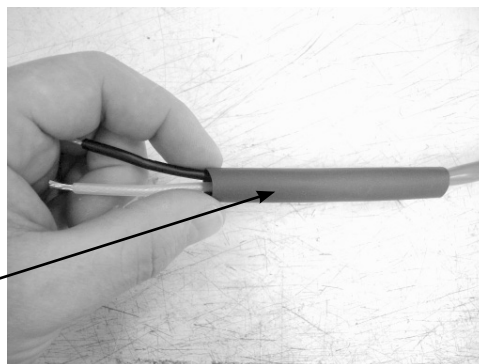
5. Trim ground wire back to outer cable jacket.



6. Strip 5mm of insulation from each conductor.



7. Slide heat shrink over cable, and conductors.

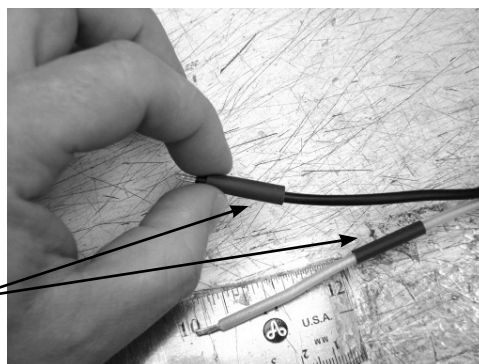


Item 4



CAUTION

Do not apply heat
at this time.



Item 5

8. Solder conductors to the contacts on the back-side of the connector*.

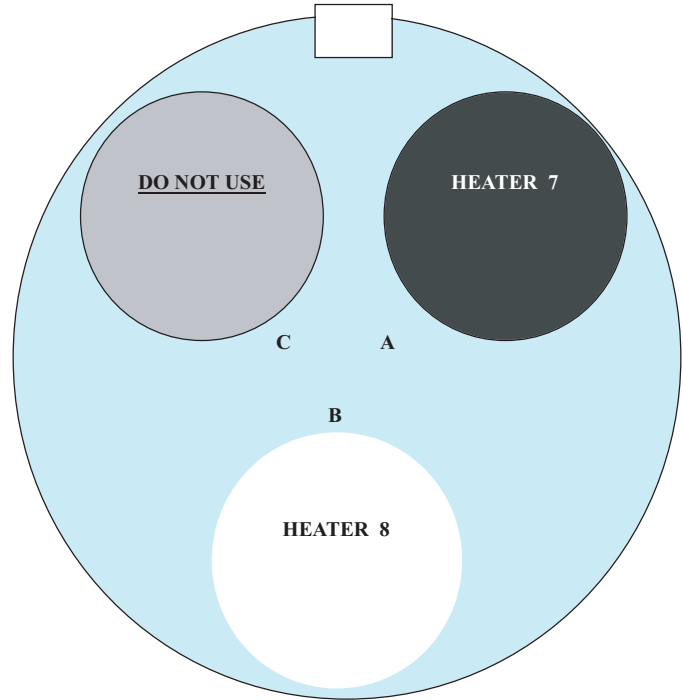


*** Refer to solder diagram below.**



Ensure notch is in between A & C on the 3 pin connector

A	HEATER 7	BLACK
B	HEATER 8	CLEAR/ OR WHITE
C	NONE	

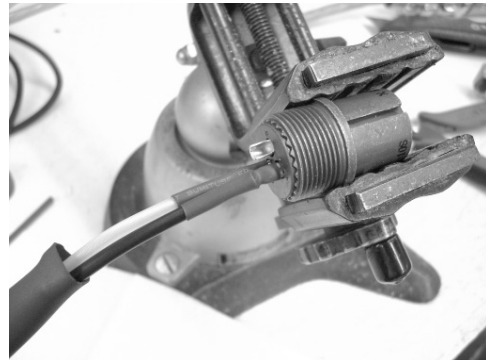


9. Slide heat shrink to cover solder connection and contacts. Apply heat.

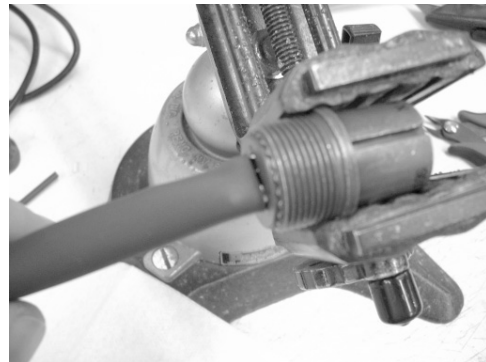


CAUTION

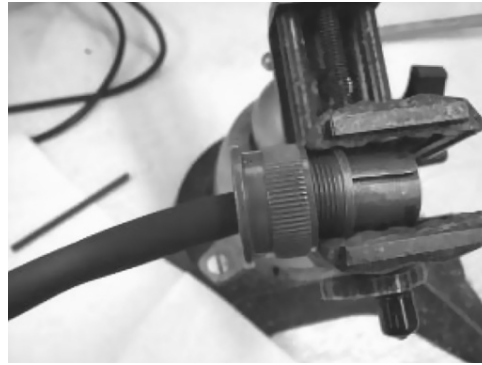
Do not apply excessive heat. Prolonged exposure to heat gun will cause the shrink tubing to split and fray.



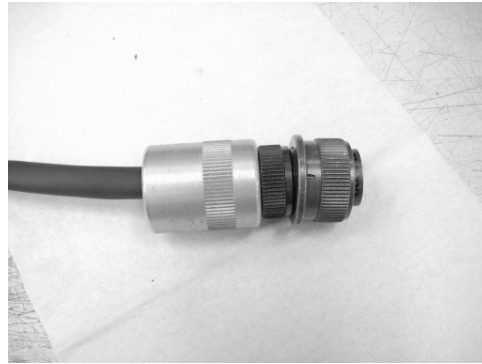
10. Slide outer heat shrink into place around conductors & contacts. Apply heat.



- 11. Slide connector and backshell into place. Assemble connector as follows:**



- 12. Slide flex backshell and flex conduit adapter onto connector assembly.**



- 13. Final product.**

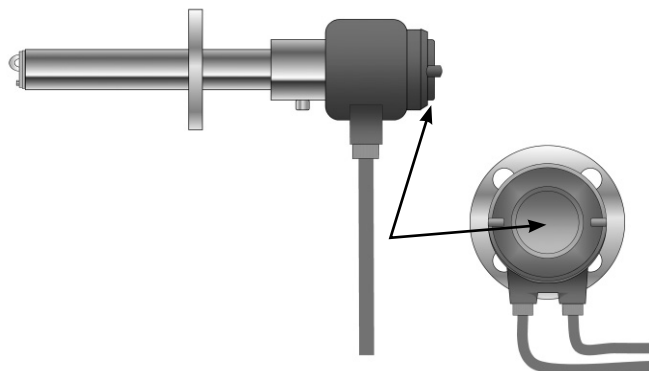
****Flex conduit not shown.***



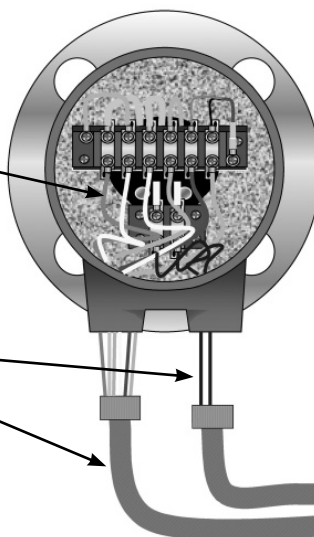
3. M1234PT-A & M1234PU-A Installation Guide

* Not included with /QF option.

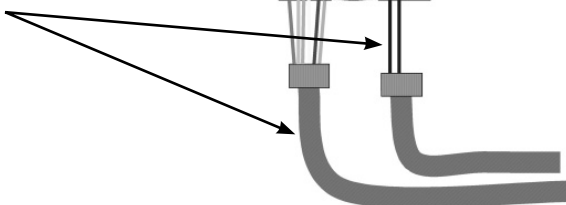
1. Remove housing cover.



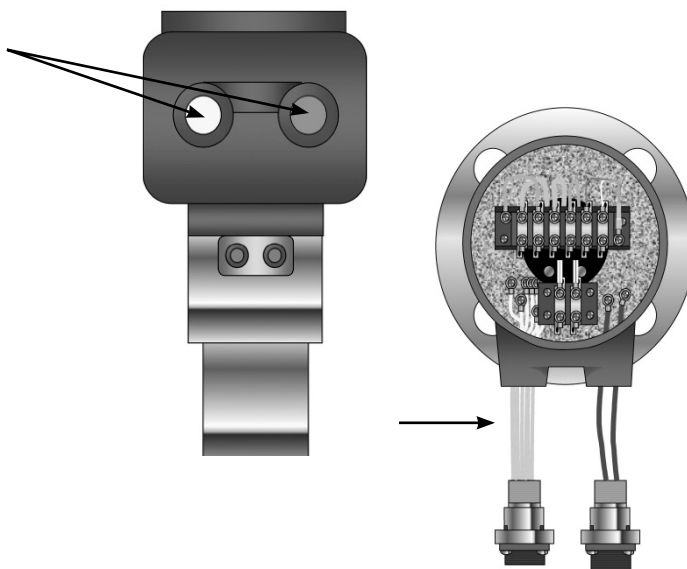
2. Disconnect leads.



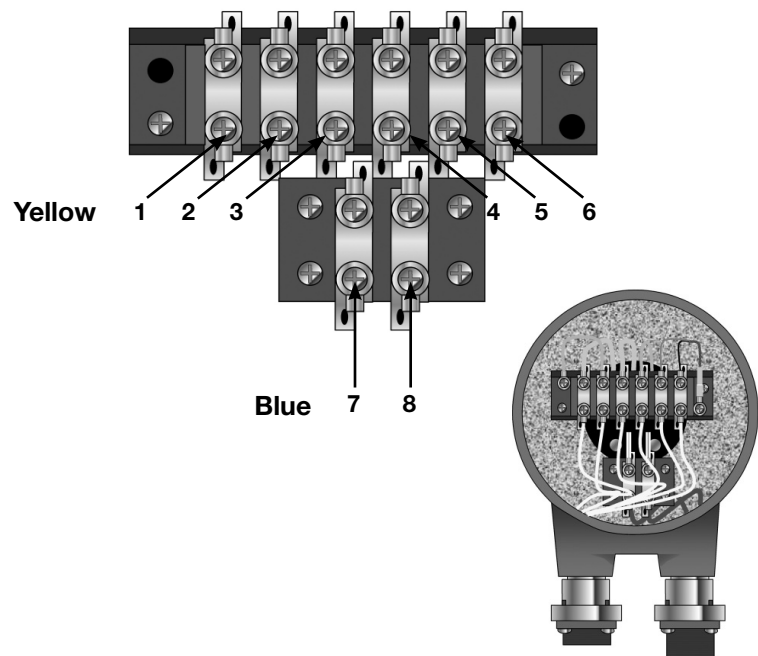
3. Remove cable glands, cable and conduit (if applicable)



4. Route conductors through electrical ports (as shown)



5. Attach leads as shown.



6. Replace housing cover and connect QF connectors.

