

# INDUSTRIAL PRE-TERMINATED WIRING UNIT QUOTATION REQUEST FORM

Fax completed form to +1.800.527.5703

**Information from:** Name: \_\_\_\_\_ Date: \_\_\_\_\_  
 Company: \_\_\_\_\_  
 Phone: \_\_\_\_\_ Fax: \_\_\_\_\_ Email: \_\_\_\_\_

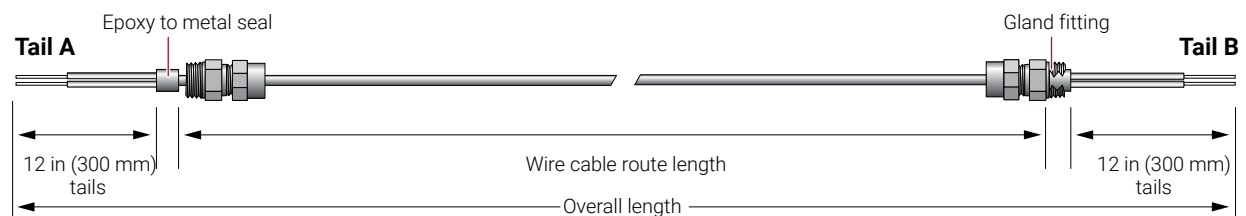
**Project parameters:** Project name: \_\_\_\_\_  
 Prepared for: \_\_\_\_\_  
 Prepared by: \_\_\_\_\_

**Design parameters:** Units of measurement: Imperial Metric  
 Numbers of conductors: \_\_\_\_\_  
 Conductor size: \_\_\_\_\_ AWG \_\_\_\_\_ MM<sup>2</sup>  
 Route length: \_\_\_\_\_  
 Route length tolerance: +3/-0% standard  
 Lead wire length: 12" Other: \_\_\_\_\_  
 Lead wire colors: black white red orange blue green yellow brown  
 Sheath materials: copper Alloy 825 copper with LSZH jacket  
 Gland type\*: brass stainless steel  
 Voltage rating: 600 V 300V - select for twisted pair cables  
 Circuit current load: \_\_\_\_\_ Amps  
 Area classification Nonhazardous Hazardous Class Division Zone  
 Maximum intermittent temperature rating: 1850°F (1010°C) 1950°F (1065°C) 2200°F (1200°C)

\*The standard gland for System 1850 is brass; the standard gland for Systems 2000 & 2200 is stainless steel.

**Mineral insulated wiring cable**

**Typical factory-terminated Duoterm wiring cable unit**

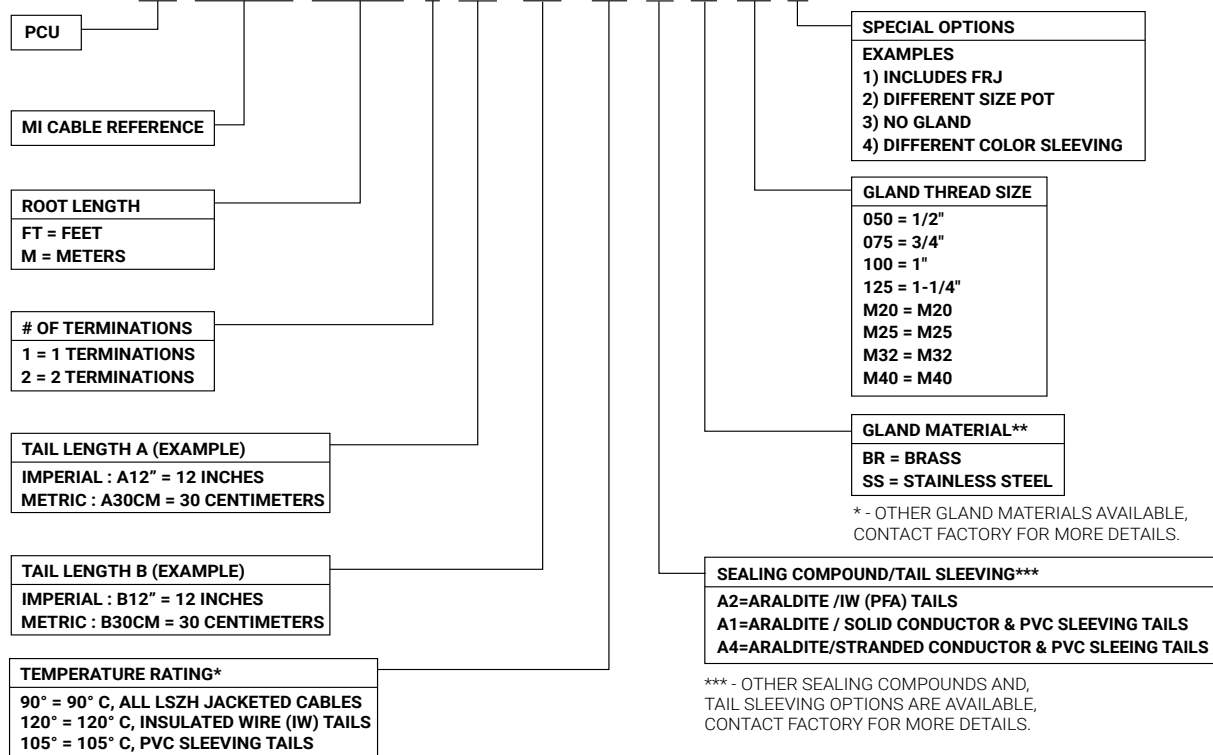


Item number	Ref. number	No. of conductors	Route length	Lead wire length A	Lead wire length B	Gland size	Gland type	Circuit current load	Area classification	Max. Intermittent temp. rating	Tag number
1.											
2.											
3.											
4.											

METRIC: PCU / 2/14-371 / R14.63M / 2 / A20CM / B30CM / 120 / A2 / BR / 050 / S

OR

IMPERIAL: PCU / 2 / 14-371 / R48.00FT / 2 / A12" / B12" / 120 / A2 / BR / 050 / S



\* - OTHER TEMPERATURES AVAILABLE,  
CONTACT FACTORY FOR MORE DETAILS.

**Example:** The part number for a factory-terminated three-conductor, #14 AWG System 1850 cable, with a route length of 48 feet, 12 inch tails on both ends and 120°C temperature rating would be: PCU / 3/14-387 / R48FT / 2 / A12" / B12" / 120 / A2 / BR / 050

**Note:** nVent PYROTENAX MI industrial wiring cables are factory-terminated to the required length. They cannot be altered in the field. The information above will be used to manufacture the proper wiring cable. It is important to accurately know the route length.

**North America**

Tel +1.800.545.6258  
Fax +1.800.527.5703  
thermal.info@nvent.com

**Europe, Middle East, Africa**

Tel +32.16.213.511  
Fax +32.16. 213.604  
thermal.info@nvent.com

**Asia Pacific**

Tel +86.21.2412.1688  
Fax +86.21.5426.3167  
cn.thermal.info@nvent.com

**Latin America**

Tel +1.713.868.4800  
Fax +1.713.868.2333  
thermal.info@nvent.com



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