Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
Phone: 800.369.6671

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.498.3364

EPJ-TC-L-V1-TB3

Explosion Proof Thermocouple Head - C1D1/C2D1 - Copper-Free Aluminum - ATEX/IECEx - N4X/IP66 - 3 Connection 10-Amp Terminal Block

Product ID: 274102



Larson Electronics LLC manufactures a wide variety of products, including custom built to spec designs. The pictures displayed for this unit are a general representation of form factor for the product line and may not accurately represent this exact configuration in every detail due to custom builds and changes between similar products in our standard catalog. The specifics for this configuration are listed in the specification table and supporting documentation (CAD files, Dimensional Drawing, Name Plate Diagram, Wiring Diagram, etc.). This means that specific details (receptacles, plugs, wires, connections, mounting brackets, external finishes, etc.) may not be accurately represented in images vs specifications. Please review specifications and do not order based solely on images.

EPJ-TC-L-V1-TB3 Explosion Proof Thermocouple Head
Listing: United States, Canada, European Union, Asia
Dimensions: 3.91" OD
Weight: 1.1 lb
Voltage: -
Phase: -
Provision Nameplate: Included
Operating Temperature Range: -40°C to 85°C
Terminal Block: 3 Connection Terminal Block Rated for 10 Amps
Materials: Copper-Free Die-cast Aluminum Housing, Epoxy Coated O-ring
Ball Chain/Nameplate: Stainless Steel
Mount: -
Accommodation: Terminal Block or Head-mounted Transmitter
Hub Qty: (2) Threaded
Hub Size Options: 1/2" NPT or 3/4" NPT
Color: Blue

Ratings
Class I, Division 1 Groups B,C,D
Class II, Division 1 Groups E,F,G
ATEX/IECEX Rated
ATEX II 2GD
Ex d IIC Gb Ta = -40°C to 85°C
Ex tb IIIC Db IP68
NEMA 4X, IP66/IP68

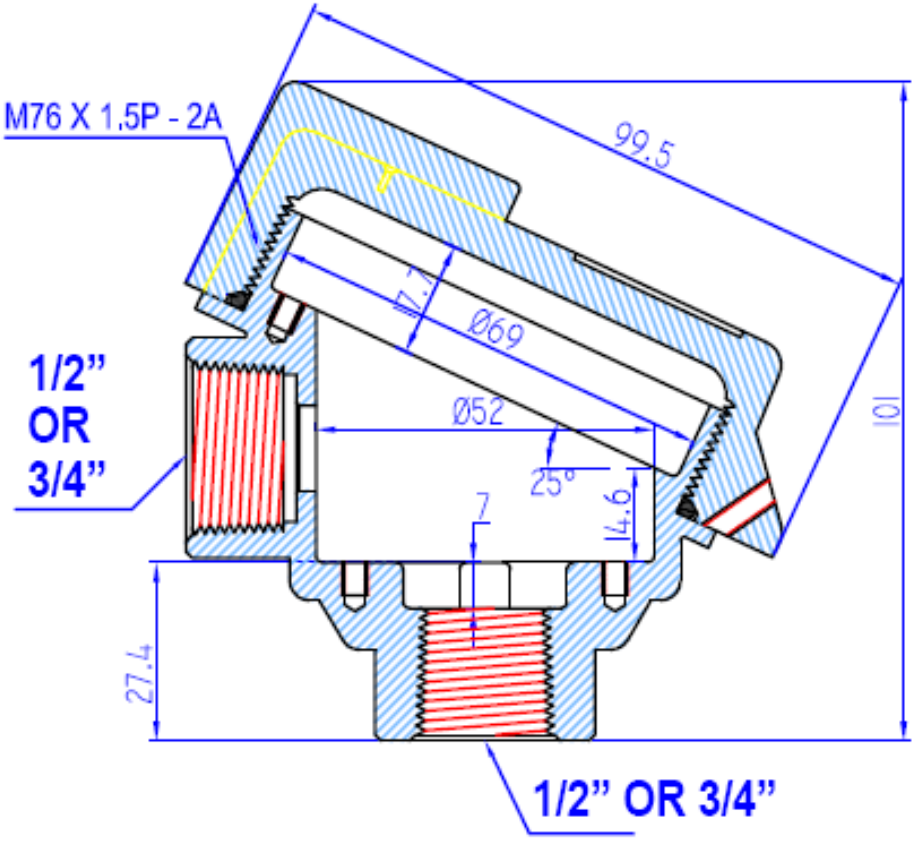
Special Orders - Special Requirements
Contact us for special requirements
Toll Free: 1-800-369-6671
Intl: 1-903-270-1187
Fax: 1-903-498-3364
E-mail: sales@larsonelectronics.com

The EPJ-TC-L-V1-TB3 from Larson Electronics is an Explosion Proof Thermo Coupler that protects and provides access to electrical connections/devices in flammable work environments. Designed for Class I, Division 1 and Class II, Division 1 rated sites, the compact NEMA 4X device features copper-free die-cast aluminum construction and comes with a stainless steel provision nameplate and a 3 connection terminal block that is raated for 10-amps.
The EPJ-TC-L-V1-TB3 offers electrical protection and access to sensitive

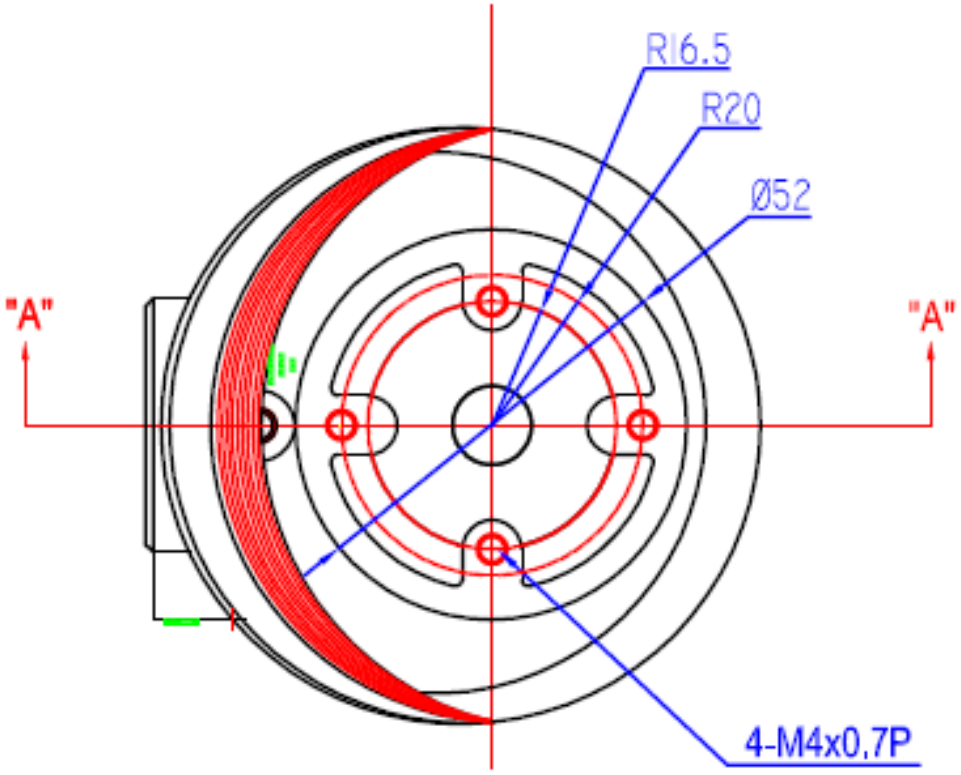
equipment and/or connections in Class I, Division 1 and Class II, Division 1 combustible facilities. This explosion proof unit comes with a provision nameplate and ball chain for added safety. The thermocouple head is made of copper-free die-cast aluminum with an epoxy-coated O-ring and stainless steel nameplate/ball chain. A NEMA 4X rating provides protection against ingress of water, dust/debris, corrosion and external formation of ice. This IP66/IP68 explosion proof accessory can be used in ATEX/IECEX rated sites.

Hubs: This explosion proof device accommodates a terminal block or head-mounted transmitter. Equipped with two threaded hubs for input and output connections, the unit is offered in 1/2" NPT or 3/4" NPT.

At Larson Electronics, we do more than meet your lighting needs. We also provide replacement, retrofit, and upgrade parts as well as industrial grade power accessories. Our craftsmen can custom build any lighting system and/or accessories to fit the unique demands of your operation. A commitment to honesty, quality, and dependability has made Larson Electronics a leader in the lighting and electronics business since 1973. Contact us today at 800-369-6671 or message sales@larsonelectronics.com for more information about our custom options tailored to meet your specific industry needs.



Assembly Drawing



M4 X 0.7 Mounting Hole Positions

LARSON ELECTRONICS

TITLE:

EPJ-TC-L-V1-TB3

PROPRIETARY AND CONFIDENTIAL
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF LARSON ELECTRONICS LLC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF LARSON ELECTRONICS LLC IS PROHIBITED.

		NAME			
DIMENSIONS ARE IN INCHES	DRAWN		SIZE	DWG. NO.	REV
MATERIAL	CHECKED	JEREMY BLANKENSHIP	A		
DO NOT SCALE DRAWING					SHEET 1 OF 1

5 4 3 2 1

Frequently Asked Questions (FAQ)