STP-M8MRJ45-4xx M8 Male to RJ45 Ethernet Cordset

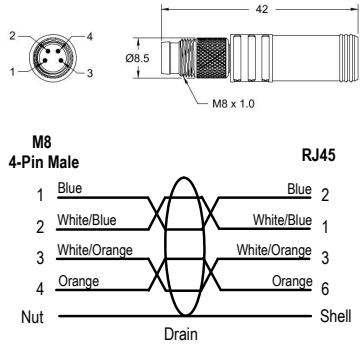
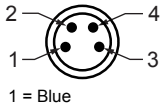
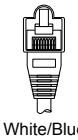
STP-M8MRJ45 Features



- M8 Male to RJ45 Plug Ethernet Cable
- Black jacket with shielded twisted pairs and overall shield
- Cat5E rated for industrial areas
- Fully overmolded and rugged solution

STP-M8MRJ45-4xx Models

RJ45 Ethernet to 4-Pin Threaded M8 Cordsets

Model	Length	Dimensions and Wiring	Pinout (M8) (male)	Pinout (RJ45)
STP-M8MRJ45-406	1.83 m (6 ft)		 1 = Blue 2 = White/Blue 3 = White/Orange 4 = Orange Nut = Shield	 1 = White/Blue 2 = Blue 3 = White/Orange 4 = NC 5 = NC 6 = Orange 7 = NC 8 = NC Shell = Shield
STP-M8MRJ45-415	4.57 m (15 ft)			
STP-M8MRJ45-430	9.14 m (30 ft)			

STP-M8MRJ45 Specifications

Current Rating
0.5 A

Voltage Rating
42 V DC

AWG
26 Awg

Outer Diameter
5 mm

Connections
4-pin M8 Male Connector
RJ45 Plug

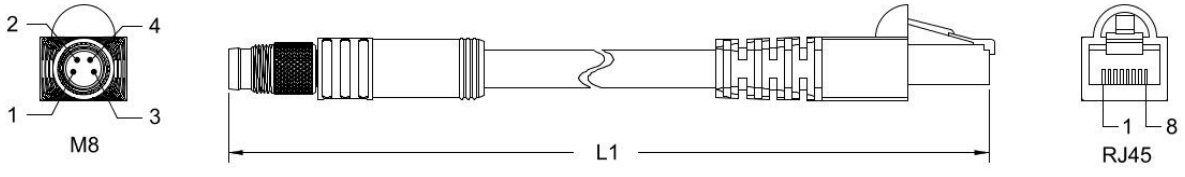
Construction (M8)
Coupling nut material: Nickel-plated brass
Contact carrier: Black nylon
Connector body: Black PUR
Jacket material: Black PVC

Construction(RJ45)
Housing: Polycarbonate
Material Contact Plating: Gold

Operating Conditions
Operating temperature: –40 °C to +70 °C (–40 °F to +158 °F)
Storage temperature: –40 °C to +70 °C (–40 °F to +158 °F)
90% at +50 °C maximum relative humidity (non-condensing)

Environmental Rating
M8 only: IP66, IP67
NEMA 1, UL Type 1

Cordset dimensions



Original Instructions
July 06, 2023

© Banner Engineering Corp.

p/n: 233849 Rev. A

ПРОМЭЛЕКТРОНИКА/ sales@prom-elec.com

Banner Engineering Corp Limited Warranty

Banner Engineering Corp. warrants its products to be free from defects in material and workmanship for one year following the date of shipment. Banner Engineering Corp. will repair or replace, free of charge, any product of its manufacture which, at the time it is returned to the factory, is found to have been defective during the warranty period. This warranty does not cover damage or liability for misuse, abuse, or the improper application or installation of the Banner product.

THIS LIMITED WARRANTY IS EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES WHETHER EXPRESS OR IMPLIED (INCLUDING, WITHOUT LIMITATION, ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE), AND WHETHER ARISING UNDER COURSE OF PERFORMANCE, COURSE OF DEALING OR TRADE USAGE.

This Warranty is exclusive and limited to repair or, at the discretion of Banner Engineering Corp., replacement. **IN NO EVENT SHALL BANNER ENGINEERING CORP. BE LIABLE TO BUYER OR ANY OTHER PERSON OR ENTITY FOR ANY EXTRA COSTS, EXPENSES, LOSSES, LOSS OF PROFITS, OR ANY INCIDENTAL, CONSEQUENTIAL OR SPECIAL DAMAGES RESULTING FROM ANY PRODUCT DEFECT OR FROM THE USE OR INABILITY TO USE THE PRODUCT, WHETHER ARISING IN CONTRACT OR WARRANTY, STATUTE, TORT, STRICT LIABILITY, NEGLIGENCE, OR OTHERWISE.**

Banner Engineering Corp. reserves the right to change, modify or improve the design of the product without assuming any obligations or liabilities relating to any product previously manufactured by Banner Engineering Corp. Any misuse, abuse, or improper application or installation of this product or use of the product for personal protection applications when the product is identified as not intended for such purposes will void the product warranty. Any modifications to this product without prior express approval by Banner Engineering Corp will void the product warranties. All specifications published in this document are subject to change; Banner reserves the right to modify product specifications or update documentation at any time. Specifications and product information in English supersede that which is provided in any other language. For the most recent version of any documentation, refer to: www.bannerengineering.com.

For patent information, see www.bannerengineering.com/patents.

Document title: M8 STP-M8MRJ45-4xx Ethernet Cordset Datasheet
Part number: 233849
Revision: A
Original Instructions
© Banner Engineering Corp. All rights reserved.

233849