



# Product: M1-8TP-RJ45 ☑

# Media module (8 x 10/100BaseTX RJ45) for MACH102

#### Product Description

8 x 10/100BaseTX RJ45 port media module for modular, managed, Industrial Workgroup Switch MACH102

#### **Technical Specifications**

#### **Product description**

Description:	8 x 10/100BaseTX RJ45 port media module for modular, managed, Industrial Workgroup Switch MACH102
Part Number:	943970001
Network size - length of cable	

0-100 m

### Twisted pair (TP):

#### **Power requirements**

Power consumption:	2 W
Power output in BTU (IT)/h:	7

#### **Ambient conditions**

MTBF (MIL-HDBK 217F: Gb 25 °C):	169.95 Years
Operating temperature:	0-50 °C
Storage/transport temperature:	-20-+85 °C
Relative humidity (non-condensing):	10-95 %

#### **Mechanical construction**

Dimensions (WxHxD):	138 mm x 90 mm x 42mm
Weight:	210 g
Mounting:	Media Module
Protection class:	IP20

#### **EMC** interference immunity

EN 61000-4-2 electrostatic discharge (ESD):	4 kV contact discharge, 8 kV air discharge
EN 61000-4-3 electromagnetic field:	10 V/m (80-2700 MHz)
EN 61000-4-4 fast transients (burst):	2 kV power line, 4 kV data line
EN 61000-4-5 surge voltage:	power line: 2 kV (line/earth), 1 kV (line/line), 4 kV data line
EN 61000-4-6 Conducted Immunity:	10 V (150 kHz-80 MHz)

#### **EMC** emitted immunity

EN 55022:	EN 55022 Class A
FCC CFR47 Part 15:	FCC 47CFR Part 15, Class A
Ammende	

#### Approvals

Safety of industrial control equipment:	cUL 508
Safety of information technology equipment:	cUL 60950-1

#### Scope of delivery and accessories

Scope of delivery:	Media module, user manual	
Further Instructions		
Product Documentation:	https://www.doc.hirschmann.com	
Product Documentation: Certificates:	https://www.doc.hirschmann.com https://www.doc.hirschmann.com/certificates.html	

#### Variants

# Item # Type 943970001 M1-8TP-RJ45 Update and Revision: Revision Number: 0.104 Revision

Revision Number: 0.104 Revision Date: 11-09-2022

#### © 2022 Belden, Inc

All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described here in are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "ASIS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

Belden believes this product to be in compliance with all applicable environmental programs as listed in the data sheet. The information provided is correct to the best of Belden's knowledge, information and belief at the date of its publication. This information is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. The Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.

# **Mouser Electronics**

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Hirschmann: M1-8TP-RJ45 SFP-FAST-BB SM/LC EEC