

ETHERLINE® ACCESS M08T02SFP**Article No.:** 21700136

Managed switch; Ethernet/IP, Modbus/TCP; Interfaces: 8xRJ45 (10 Mbit/s; 100 Mbit/s); 2xSFP (100 Mbit/s)

**Details****Benefits**

- With 8 ports (10/100Base-T(X)) and 2 SFP interfaces for simultaneous data transmission via copper and fiber optic cables.
- "M08T02GSFP" variant with SFP interfaces for gigabit data transmission rates (1,000BASE-X).
- With management functions for better controlling and monitoring of the network. If a fault occurs, it can be pinpointed more quickly using advanced diagnostic functions.
- Ring redundancy with a short reconfiguration time of less than 20 ms enables uninterrupted data transmission even if a device fails.
- A redundant power supply (two connections to the device) ensures uninterrupted data communication even if the primary connection fails.
- Robust design for direct mounting on 35 mm (1.36 in) top-hat rails.
- Low-noise and maintenance-free as it is operated without fans.

Application

- For use in PROFINET networks for automation technology ("Conformance Class B").
- For use in control cabinets in harsh environments (protection class IP 40).
- Extended temperature range (-40°C to +75°C).

Notes

Unless specified otherwise, the product values shown are rated values at room temperature. You can receive additional values, such as tolerances, upon request if they are available and have been released for publication.

Photographs and graphics are not to scale and do not represent detailed images of the respective products.

If applicable, the prices are solid metal prices without additional charges and VAT. Sales only to business customers.

Remarks

Technical Data

General information

Brand	ETHERLINE®
Product type	Managed switch
Delivery Unit	1
valid Fieldbus or Ethernet System	Ethernet

Electrical parameters

Nominal operating voltage	24 V DC 48 V DC
Operating voltage range	18 V - 60 V DC
Power consumption (max.)	12 W
current consumption	0.67 A

Product design

Direct assembly possible	Yes
Status display	Yes
Total length	4.232 in
Overall width	2.598 in
Overall height	5.315 in
Housing main material	Steel
Colour housing	black

configuration	Via web interface
Interfaces	Copper/Fiber Optic
interfaces copper	10 Mbit/s; 100 Mbit/s: 8 x RJ45
Interfaces (optical fiber)	100 Mbit/s: 2 x SFP
Number of ports	10
Switch version	Managed

Product features

IP protection rating	IP 40
Suitable for EX-applications	No
Operating temperature max.	-40 °C
Operation temperature max.	75 °C
Flame-retardant	No
switch characteristic	SFP
Data rate	10 Mbit/s 100 Mbit/s
Package buffer size	4,000 kbit
MAC table size	8 k
IP management	ARP DHCP Option 82 DHCP server/snooping/client
Management and maintenance	Automatic Configuration Backup and Recovery Tool Link Test Port Mirroring Loop Detection
Time management	PTP SNTP Client
Network security protocols	User Classification HTTPS/SSL MAC Address Connection to Switch Ports RADIUS SSH TACACS+

Alarm function	CRC Error IP/MAC Conflict Packet Loss Port Port Traffic Power Ring Memory/CPU Usage
Industrial protocols	Ethernet/IP Modbus/TCP
Redundancy protocols	DR/ DHP DT-VLAN STP / RSTP / MSTP
Switching protocols	ACL rate limiters GVRP LACP Port aggregation Port FlowControl PVLAN QoS storm policing VLAN
Service Quality	ACL DSCP QoS SP WRR Line Planning
Multicast protocols	GMRP IGMP Snooping Static multicast

Certifications and standards

CE marking	Yes
UL recognized	No
UL listed	Yes
cUR recognized	No
cUL listed	No
CSA certified	No
VDE certified	No
TÜV certified	No

ETHERLINE® ACCESS Managed

Article No.	Name	Interfaces (optical fiber)	interfaces copper
21700136	ETHERLINE® ACCESS M08T02SFP	100 Mbit/s: 2 x SFP	10 Mbit/s; 100 Mbit/s: 8 x RJ45
21700137	ETHERLINE® ACCESS M08T02GSFP	1.000 Mbit/s: 2 x SFP	10 Mbit/s; 100 Mbit/s: 8 x RJ45

V1.1