

21700147	DATA SHEET	
Valid from: 13.07.2022	ETHERLINE® ACCESS PN08M12	

Description

- PROFINET IO-Switch, managed, IP67
- Fast and easy configuration and diagnose via PROFINET or web interface, Data-Ports: M12-D
- Various management and maintenance policies available (e.g. MRP client, LLDP, DCP, SNMP, diagnostic alarms, port mirroring, network statistics (frames, errors))
- PROFINET Conformance Class B



General characteristics

Interfaces	X1 : 8x M12-D (female) – Data ports X2 : 1x M12-L (male, 5-polig) – Voltage supply X3 : 1x M12-A (female, 5-polig) – without function
Switch properties	medium redundancy (MRP), automatic address/topology recognition (LLDP, DCP)
Temperature range	ambient temp.: -40°C to +75°C (-40°F to 167°F) transport - and storage temp.: -40°C to +85°C (-40°F to 185°F)
relative humidity	95 % (non-condensing)
Pollution degree	2
Protocol	PROFINET IO acc. IEC 61158-6-10
MTBF (mean time between failures)	8.75 years @ MIL-HDBK-217F
Torque for IP degree of protection	0.8 Nm

Variation

Article	Description	Amount of Data-Ports
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Power requirements

Voltage Input	24 V DC (18-30V DC)
Power Consumption (max.)	3.5 W
Input current (max.) 24 V DC	130 mA

Physical properties

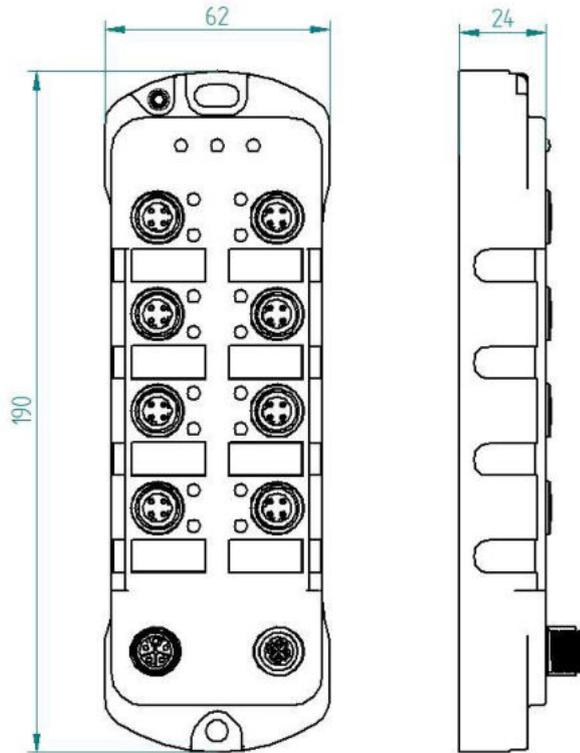
IP class	IP67
Weight	0.41 kg
Installation	Screwing via hole pattern

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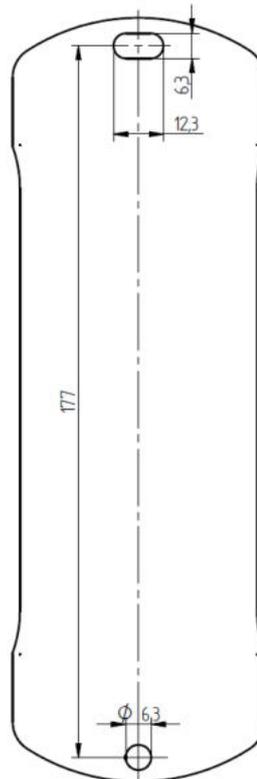
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Technical drawing

Dimensional drawing



Hole pattern



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Standards and approvals

EMC	DIN EN IEC 61000-6-2 DIN EN IEC 61000-6-4
PROFINET	Conformance Class B Netload Class I
Approvals	CE

Application range

Automation, industrial machinery and plant engineering

Note

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

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