


## Product information EEM EtherCAT

Industrial Ethernet:Embedded Ethernet Modules:EEM EtherCAT	
<a href="http://e-catalog.hirschmann.com/link/57078-24455-180446-180449/en/conf/ui/state">http://e-catalog.hirschmann.com/link/57078-24455-180446-180449/en/conf/ui/state</a>	
Name	EEM EtherCAT
	
	Embedded Ethernet Modul for integration of EtherCAT functionality in automation devices
Delivery informations	
Availability	available
Product description	
Description	Embedded Ethernet Modul for integration of EtherCAT functionality in automation devices
Type	EEM EtherCAT
Order No.	942 019-003
Network size - length of cable	
Twisted pair (TP)	0 m ... 100 m
Multimode fiber (MM) 50/125 µm	n/a
Multimode fiber (MM) 62.5/125 µm	n/a
Single mode fiber (SM) 9/125 µm	n/a
Single mode fiber (LH) 9/125 µm (long haul transceiver)	n/a
Power requirements	
Power consumption	1.9 W
Ambient conditions	
Operating temperature	-40 °C ... 85 °C
Storage/transport temperature	-40 °C ... 85 °C
Relative humidity (non-condensing)	10 % ... 95 %
MTBF	314 years (MIL-HDBK-217F)
Mechanical construction	
Dimensions (W x H x D)	57.5 mm x 72.0 mm x 23.5 mm
Weight	32 g
Protection class	n/a
EMC interference immunity	
EN 61000-4-2 electrostatic discharge (ESD)	8 kV contact discharge, 15 kV air discharge
EN 61000-4-3 electromagnetic field	35 V/m (80-2700 MHz); 1 kHz, 80% AM
EN 61000-4-4 fast transients (burst)	2 kV power line, 1 kV data line
EN 61000-4-5 surge voltage	power line: 2 kV (line/earth), 1 kV (line/line), 1 kV data line
EN 61000-4-6 conducted immunity	10 V (150 kHz-80 MHz)
Approvals	
Safety of industrial control equipment	n/a

For more information please contact:

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