

Network Isolator MED MI 1005 MB

medical network isolator for wall mounting with Harting PushPull technology



- Isolation starting from the wall
- Solid installation, surface mounting
- Protects medical equipment and patients from excessive leakage current in data network
- Harting PushPull technology, up to IP68
- shock protected
- Long-term availability for min. 10 years
- Performant: extreme low insulation

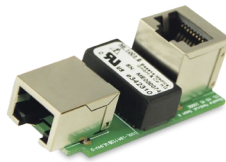
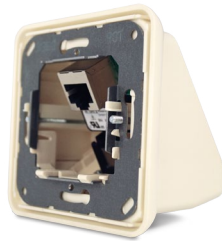
The passive Network Isolator MED MI 1005 MB is designed for wall mounting in medical areas. It provides galvanic isolation for medical electrical equipment and systems starting from the wall outlet.

The network isolator is protected by a surface-mounted housing. Accidental impacts can be compensated by the isolator, plus, the connector of the network cable may remain unharmed. Network Isolator MED MI 1005 MB provides an isolation voltage up to 5 kV AC. In conjunction with Harting PushPull technology any unintended removal from the data stream can be avoided.

An installation of drivers or additional software is not required, because the MED MI 1005 MB acts completely transparent in the ethernet network. Also, IP68 water and liquid protection is one of the Network Isolator MED MI 1005 MB benefits.



Network Isolators MED MI 1005



Type:	Network Isolator MED MI 1005 MB	MI 1005 E Medical Mountable Isolator	Network Isolator MED MI 1005	Network Isolator MED MI 1005 Retail
Housing color:	creamy white	without housing	light gray	light gray
Dimensions (L x W x H):	81 x 81 x 57 mm	51 x 23.4 x 18.2 mm	65 x 29 x 23 mm	122 x 88 x 45 mm
Weight:	106 g	20 g	50 g	90 g
Mode:	continuous operation	continuous operation	continuous operation	continuous operation
Isolation Voltage:	5000 V 50/60 Hz for 1 min. 10000 V 50/60 Hz for 10 s.			
Data Speed:	10/ 100/ 1000 MBit/s			
Connectors:	2 x RJ45 input/ output			
ESD:	16 kV			
DC stress test (10 sec):	10 kV			
Network specifications:	IEEE 803.2 ab 10/100/1000-BaseT, Twisted-Pair, auto-conf (behaves transparently in the network)			
Material:	UL94V-0 / RoHS konform / SvHC / REACH			
Product Rating (UL):	Passive ethernet isolating device, insulation rating DI (250 V AC / 300 V DC) tested at 5 kV AC			
Time between failures:	0,21 x 10 ^ 8 (1 error in 21 000 000 hours)			
Return Loss:	min. 10 dB			
Insertion Loss:	max. 1,1 dB			
Standards:	IEC 60601-1 (3rd Edition); IEC 60601-1-2, UL 60601 (UL Listed E342310); IEEE 802.3			
Recommended operating conditions				
Temperature:	-10°C to +85°C			
Humidity:	10% to 90% (non-condensing!)			
Air pressure:	700 hPa to 1060 hPa			
Recommended storage and transportation conditions				
Temperature:	-10°C to +85°C			
Humidity:	10% to 90% (non-condensing!)			
Air pressure:	700 hPa to 1060 hPa			
Warranty:	5 years			
In delivery included:	1 x Mounting plate; 1 x Cover; 1 x Frame; 1 x MI 1005 E Medical Mountable Isolator; 1 x Bracket; 1 x Harting PushPull; 2 x Screws; 2 x Nuts; 1 x Installation instruction; 1 x Manual	MI 1005 E Medical Mountable Isolator	Network Isolator MED MI 1005	in a Retail box receive: 1 x Network Isolator MED MI 1005; 1 x patch cable 25 cm; 1 x manual
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