

## IF2008/ETH

Interface module for Ethernet connection of Micro-Epsilon products

- 8-channel system
- Compatible with Micro-Epsilon sensors with RS422 interface
- Encoder inputs
- LED status display



Model	IF2008/ETH	
Speed	Ethernet: 200 kHz data output <sup>1)</sup>	
Supply voltage	11 ... 30 VDC	
Power consumption	< 4 W with 24 VDC (without sensor)	
Signal input	RS422	
Digital interface	Ethernet <sup>1) 2)</sup>	
Switching input/switching output	4x I/O (adjustable via software)	
Connection	Sensors/encoders: 8 x 12-pin socket; Ethernet: 4-pin socket; Supply: 5-pin socket; I/O: 12-pin socket	
Mounting	Screw connection via four mounting brackets	
Temperature range	Storage	+5 ... 50 °C
	Operation	+0 ... 50 °C
Humidity	5 % ... 95 % (non-condensing)	
Shock (DIN EN 60028-2-27)	15 g, 6 ms in 3 axes	
Vibration (DIN EN 60068-2-6)	2 g, 20 ... 500 Hz	
Protection class (DIN EN 60529)	IP65 (when all plugs are connected)	
Compatibility	optoNCDT 1420, 1900, 2300, 5500	
	optoNCDT ILR3800	
	interferoMETER IMS5x00	
	confocalDT 241x, 242x, 246x	
	optoCONTROL 2520, 2600	
Material	Die-cast aluminum	
Weight	1700 g	
Control and indicator elements	1 x LED for power status, 1 x LED for Ethernet status, 8 x LEDs for sensor/encoder status	

<sup>1)</sup> The following applies to optoNCDT 2300 and optoNCDT 5500 sensors: Measuring rates > 30 kHz or output of several values per connected sensor require UDP communication.

<sup>2)</sup> Requires Micro-Epsilon MEDAQLib-DLL

