

# Ethernet Industry Media Converter

# MICROSENS

Ethernet technologies, in addition to their deployment in local networks, are also spreading steadily across industrial environments. Modern machine controls and industrial plants already come complete with 10/100Base-TX interfaces.

However, their use in industrial environments differs fundamentally from their use in office environments as active components such as hubs, switches or media converters. These industrial plants require rapid commissioning, robust design, constant availability, and downtime protection.

For these highly demanding environments MICROSENS has developed industrial designs with special media converters for Ethernet and Fast Ethernet networks.

Special mounting devices, integrated into the equipment, enable direct installation on 35 mm hat rails. Power to the components is supplied via a central external 24 V DC adapter.

Floating contacts are an option. Control systems can be connected via special terminals to trigger certain actions in case of faulty connections, for example.

The fibre optics connection is located on the underside of the equipment. This prevents dust particles entering the optical transceiver.



## Technical Specifications

<b>Type</b>	Ethernet / Fast Ethernet Industry Media Converter
<b>Connectors</b>	RJ45 socket, SC/ST plug-type connector, floating control contacts
<b>Fiber type</b>	Multimode Fiber, duplex, 50 or 62,5/125 $\mu\text{m}$ , Single Mode Fiber 9/125 $\mu\text{m}$
<b>Power supply</b>	external, 24 V DC, redundant connection

## Ordering Information

Article No.	Description	Connector
MS650400	Media Converter 10FL/TP Multimode 850 nm	1 x RJ45 2 x ST
MS650405	Media Converter 10FL/TP Single Mode 1300 nm	1 x RJ45 2 x ST
MS650420	Media Converter 100FX/TX Multimode 1300nm	1 x RJ45 2 x SC
MS650421	Media Converter 100FX/TX Multimode 1300nm	1 x RJ45 2 x ST
MS650424	Media Converter 100FX/TX Single Mode 1300nm	1 x RJ45 2 x SC