

# Servo Drives 9400 HighLine

## Interfaces



### EtherNet/IP communication module

The communication module serves to connect the Servo Drives 9400 to an Ethernet/IP network.


It can be both supplied internally by the standard device and externally by a separate voltage source. The access to all Lenze parameters can be configured via TCP/IP with the Engineer engineering tool. Further advantages of the EtherNet/IP:

- Support of multicast messages,
- "IGMP snooping" (V2 according to RFC 2236),
- UCMM, ACD, BOOTP/DHCP and VLAN-Tagging/DSCP.



EtherNet/IP communication module

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Mode		Features	Slot	Product key
Communication module				
EtherNet/IP		<ul style="list-style-type: none"> <li>• EtherNet/IP adapter with "Level 2" functionality</li> <li>• Integrated 2-port switch</li> <li>• Up to zu 3 TCP/IP socket connections for communication with the Lenze »Engineer« Support of the "IP Config Pending</li> <li>• Support of the redundancy protocol DLR (Device Level Ring) as "Beacon-based Ring Node"</li> </ul>	MX11 MX12	E94AYCEO

### Standards and operating conditions

<b>Product key</b>			E94AYCEO
<b>Mode</b>			EtherNet/IP
<b>Degree of protection</b>			IP20
<b>Vibration resistance</b>			Sinusoidal vibration Amplitude/Acceleration Acceleration resistant up to 0.7 g acc. to Germanischer Lloyd 10 Hz ≤ f ≤ 57 Hz: ±0.075 mm amplitude,
<b>Site altitude</b>			4000
Amsl	H <sub>max</sub>	[m]	
<b>Climatic conditions</b>			
Storage (EN 60721-3-1)			1K3 (temperature: -25 °C ... +60 °C)
Transport (EN 60721-3-2)			2K3 (temperature: -25 °C ... +70 °C)
Operation (EN 60721-3-3)			3K3 (temperature: -10°C ... +55 °C)
<b>Insulation voltage to reference earth/PE</b>			50.0
	U <sub>AC</sub>	[V]	

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#### Rated data

<b>Product key</b>			E94AYCEO
<b>Communication</b>			
Medium			S/FTP (Screened Foiled Twisted Pair), ISO/IEC 11801 or EN 50173, CAT 5e
Communication profile			EtherNet/IP
<b>Baud rate</b>			
	b	[MBit/s]	10/100
<b>Signalling</b>			
			Link Activity CIP™ states
<b>Max. cable length</b>			
between two nodes	$l_{max}$	[m]	100
<b>Network topology</b>			
			Star Use of hubs/switches
<b>Transmission</b>			
Mode			Half duplex/full duplex
<b>Rated voltage</b>			
	$U_{N,DC}$	[V]	24.0

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