



## EJ6224 | IO-Link master with TwinSAFE SC

**IO-Link** The EJ6224 IO-Link master enables the connection of up to four IO-Link devices. IO-Link devices can be actuators, sensors or a combination of both. A point-to-point connection is used between the EtherCAT plug-in module and the device. The EJ6224 is parameterised via the EtherCAT master. IO-Link is designed as an intelligent link between the fieldbus level and the sensor, with parameterisation information being exchanged bi-directionally via the IO-Link connection. The IO-Link device is parameterised with service data from TwinCAT via ADS or very conveniently using the integrated IO-Link commissioning tool. Among other things the tool enables automatic scanning of IO-Link devices, comfortable editing of sensor parameters and an integrated online search for sensor description files.

Technical data	EJ6224
Technology	IO-Link
Specification version	IO-Link V1.1
IO-Link interfaces	4
Connection method	3-wire
Supply voltage electronics	24 V DC (via distribution board)
Cable length	max. 20 m
Data transfer rates	4.8 kbaud, 38.4 kbaud and 230.4 kbaud
Supply current for devices	500 mA per device
Current consumption E-bus	typ. 110 mA
Special features	IO-Link configuration tool integrated in TwinCAT: IO-Link sensor scan, comfortable sensor parameter handling, sensor description file finder
Electrical isolation	500 V (E-bus/field potential)
Operating/storage temperature	0...+55 °C/-25...+85 °C
Relative humidity	95 %, no condensation
Vibration/shock resistance	conforms to EN 60068-2-6/EN 60068-2-27
EMC immunity/emission	conforms to EN 61000-6-2/EN 61000-6-4
Protect. class/installation pos.	IP 20/see documentation
Approvals	CE

System	
IO-Link	For further IO-Link products please see the <a href="#">system overview</a> .