



i EP6228-3132 | 8-channel IO-Link master, 4 x Class A, 4 x Class B, 4 x digital input

The EP6228-3132 IO-Link module enables connection of up to eight IO-Link devices, e.g. IO-Link box modules, actuators, sensors or combinations thereof. The EP6228-3132 additionally offers further digital inputs on the four Class A master ports. A point-to-point connection is used between the module and the device. The terminal is parameterised via the EtherCAT master. IO-Link is designed as an intelligent link between the fieldbus level and the sensor, wherein parameterisation information can be exchanged bidirectionally via the IO-Link connection. The parameterisation of the IO-Link devices can be done from TwinCAT via ADS or very conveniently via the integrated IO-Link configuration tool.

In the standard setting, the EP6228-3132 functions as a 8-channel input terminal, 24 V DC, which communicates with connected IO-Link devices, parameterises them and, if necessary, changes their operating mode.

Technical data	EP6228-3132
Data transfer rates	4.8 kbaud, 38.4 kbaud and 230.4 kbaud
Connection method	M12, screw type
Specification version	IO-Link V1.1, 4 x Class A, 4 x Class B
IO-Link interfaces	8
Nominal voltage	24 V DC (-15 %/+20 %)
Distributed clocks	–
Cable length	max. 20 m
IO-Link sensor supply L+	24 V DC, 1.4 A per port, Σ 11.2 A
IO-Link sensor supply 2L+	24 V DC, max. 4.0 A per port, Σ 4.0 A for 2 ports each for Class B
Current consumption from Us	typ. 130 mA + load
Power supply connection	feed: 1 x 7/8" plug, 5-pin; downstream connection: 1 x 7/8" socket, 5-pin
Electrical isolation	500 V
Special features	Class A ports: 1, 2, 5, 6; Class B ports: 3, 4, 7, 8
Weight	approx. 250 g
Operating/storage temperature	-25...+60 °C/-40...+85 °C
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 65/66/67 (conforms to EN 60529)/variable
Approvals/markings	CE, UL in preparation

Accessories	
ZK1090-3xxx-xxxx	Cables for EtherCAT signal in- and -output
ZK2020-3xxx-xxxx	Cables for M8 power supply

Related products	
EP6224	EtherCAT Box, industrial housing, 4-channel IO-Link master, IP 67
EPP6228	EtherCAT P Box, industrial housing, 8-channel IO-Link master, IP 67
EL6224	EtherCAT Terminal, IO-Link master, IP 20
KL6224	Bus Terminal, IO-Link master, IP 20
EPIxxxx, ERIxxxx	IO-Link box modules, IP 67

System	
IO-Link	For further IO-Link products please see the system overview .

i Product announcement	estimated market release 2nd quarter 2019
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