



EPI2338-0001

I/O
connectionConnector
assignment

EPI2338-000x | 8-channel digital input or output 24 V DC

The EPI2338 IO-Link box has eight digital channels, each of which can optionally be operated as an input or as an output. A configuration for using a channel as input or output is not necessary; the input circuit is internally connected to the output driver, so that a set output is displayed automatically in the input process image.

The outputs handle load currents of up to 0.5 A, and although the total current is limited to 4 A, they are short-circuit proof and protected against inverse polarity. The state of each signal is indicated by means of light emitting diodes. The signals are connected via M8 (EPI2338-0001) or M12 connectors (EPI2338-0002).

Technical data	EPI2338-0001	EPI2338-0002
Communication	IO-Link	
Data transfer rates	230.4 kbaud (COM 3)	
Specification version	IO-Link V1.1, Class B	
Number of channels	8 digital inputs or outputs	
Input/output connections	M8, screw type	M12, screw type
Interfaces	1 x M12 plug, A-coded	
Input filter	3.0 ms (default), adjustable 0...20 ms	
"0" signal voltage	-3...+5 V (EN 61131-2, type 3)	
"1" signal voltage	11...30 V (EN 61131-2, type 3)	
Input current	typ. 3 mA (EN 61131-2, type 3)	
Sensor supply	from load supply voltage, max. 0.5 A, short-circuit proof in total	
Load type	ohmic, inductive, lamp load	
Rated load voltage	24 V DC (-15 %/+20 %)	
Max. output current	0.5 A per channel, individually short-circuit proof	
Short circuit current	max. 1.5 A	
Current consumption	typ. 100 mA from L+	
Auxiliary power current	typ. 20 mA + load	
Bit width in the process image	8 inputs + 8 outputs	
Electrical isolation	L+/2L+: yes	
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	CE, UL	

Related products	
EP6228	EtherCAT Box, industrial housing, 8-channel IO-Link master, IP 67
EP6224	EtherCAT Box, industrial housing, 4-channel IO-Link master, IP 67
EL6224	EtherCAT Terminal, IO-Link master, IP 20
KL6224	Bus Terminal, IO-Link master, IP 20