



## ERI2008-000x | 8-channel digital output 24 V DC, $I_{max} = 0.5$ A ( $\Sigma 4$ A)

The ERI2008 IO-Link box with digital outputs connects binary control signals from the controller on to the actuators at the process level. The eight outputs handle load currents of up to 0.5 A, and although the total current is limited to 4 A, they indicate their status through light emitting diodes. The signals are optionally connected via M8 (ERI2008-0001) or M12 (ERI2008-0002) screw type connectors. The outputs are short-circuit proof and protected against inverse connection.

The IO-Link box modules with zinc die-cast housing are ready for use in harsh industrial and process environments. With the fully sealed design and metal surfaces the ERI series is ideal for applications requiring enhanced load capacity and protection against weld spatter, for example.

Technical data	ERI2008-0001	ERI2008-0002
Communication	IO-Link	
Data transfer rates	230.4 kbaud (COM 3)	
Specification version	IO-Link V1.1, Class B	
Number of outputs	8	
Output connections	M8, screw type	M12, screw type
Interfaces	1 x M12 plug, A-coded	
Load type	ohmic, inductive, lamp load	
Nominal output voltage	24 V DC (-15 %/+20 %)	
Max. output current	0.5 A per channel, individually short-circuit proof	
Short circuit current	typ. 1.5 A	
Current consumption	typ. 100 mA from L+	
Auxiliary power current	typ. 20 mA + load	
Bit width in the process image	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	
<b>EP6228</b>	EtherCAT Box, industrial housing, 8-channel IO-Link master, IP 67
<b>EP6224</b>	EtherCAT Box, industrial housing, 4-channel IO-Link master, IP 67
<b>EL6224</b>	EtherCAT Terminal, IO-Link master, IP 20
<b>KL6224</b>	Bus Terminal, IO-Link master, IP 20