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## Product information OCTOPUS I - Fast Ethernet - OCTOPUS 8TX-EEC

Industrial Ethernet:Waterproof IP67/IP54 Switches:OpenOCTOPUS:Configurators:OCTOPUS I - Fast Ethernet

<https://e-catalog.beldensolutions.com:443/link/57078-24455-49850-351255-437124-498932/en/OS20-000800T5T5TIYUHHXX.X/uistate>

Name	OCTOPUS I - Fast Ethernet
	
	Unmanaged IP 65 / IP 67 switch in accordance with IEEE 802.3, store-and-forward-switching, Fast-Ethernet (10/100 MBit/s) ports, electrical Fast-Ethernet (10/100 MBit/s) M12-ports
<b>Delivery informations</b>	
Availability	available
<b>Notes</b>	
Example image.	All specifications must be determined from the user documentation. This information is subject to change without notice.
<b>Product description</b>	
Description	Unmanaged IP 65 / IP 67 switch in accordance with IEEE 802.3, store-and-forward-switching, Fast-Ethernet (10/100 MBit/s) ports, electrical Fast-Ethernet (10/100 MBit/s) M12-ports
Port type and quantity	8 ports in total; uplink ports: 10/100 BASE-TX, M12 "D"-coding, 4-pole; 8 x 10/100 BASE-TX; TP-cable, auto-crossing, auto-negotiation, auto-polarity.
Type	OCTOPUS 8TX-EEC
Order No.	942 150-001
<b>More Interfaces</b>	
Power supply/signaling contact	1 x M12 5-pin connector, A coding, no signaling contact
V.24 interface	n/a
USB interface	1 x M12 5-pin socket, A coding
<b>Network size - length of cable</b>	
Twisted pair (TP)	0 - 100 m
<b>Network size - cascading</b>	
Line - / star topology	any
Ring structure (HIPER-Ring) quantity switches	n/a
<b>Software</b>	
Diagnostics	LEDs (power, link status, data)
Configuration	Switch: aging time, QoS 802.1p mapping, QoS DSCP mapping. Pro Port: port state, flow control, broadcast mode, multicast mode, jumbo frames, QoS trust mode, port-based priority, auto-negotiation, data rate, duplex mode, auto-crossing, MDI state
Security	n/a
<b>Ambient conditions</b>	
Operating temperature	-40 °C ... 70 °C
Storage/transport temperature	-40 °C ... 85 °C
Relative humidity (also condensing)	5 % ... 100 %
<b>Mechanical construction</b>	
Dimensions (W x H x D)	60 mm x 200 mm x 31 mm
Mounting	Wall mounting
Weight	470 g
Protection class	IP65, IP67
<b>Mechanical stability</b>	
IEC 60068-2-27 shock	15 g, 11 ms duration, 18 shocks
<b>EMC interference immunity</b>	
EN 61000-4-3 electromagnetic field	20 V/m
EN 61000-4-4 fast transients (burst)	2 kV power line, 4 kV data line
EN 61000-4-5 surge voltage	power line: 2 kV (line/earth), 1 kV (line/line), 2 kV data line
<b>EMC emitted immunity</b>	
FCC CFR47 Part 15	FCC 47 CFR Part 15 Class A
EN 55022	EN 55022 Class A



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**Approvals**

<b>Basis Standard</b>	CE, EAC, Australian Regulatory Compliance Mark (RCM)
<b>Safety of industrial control equipment</b>	cUL61010-2-201
<b>Hazardous locations</b>	ISA 12.12.01 Class 1 Div. 2
<b>Employment in vehicles</b>	E1
<b>Electronic mechanisms on rail-mounted vehicles</b>	EN 50155, EN 45545, EN 50121-4

**Scope of delivery and accessories**

<b>Scope of delivery</b>	1 × Transport protection cap for supply voltage connection, 7 × Protection cap for M12 socket, M12-connector (ELWIK A 5012 PG7) for power connection, description and operating instructions
<b>Note</b>	Please note that some recommended accessory parts only support a temperature range from -25 °C to +70 °C and might limit the possible operating conditions for the entire system.
<b>Accessories to order separately</b>	M12 connector, "D"-coded (934 445-001); 2 m cordset with M12-connector, "D"-coded (934 578-001); 5 m cordset with M12-connectors, "D"-coded (934 578-002); 10 m cordset with M12-connectors, "D"-coded (934 578-003); Bulkhead M12 "D"-coded to RJ45 (934 498-001); OCTOPUS dust cover set (25 pieces) (942 057-001),

For more information please contact:

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