



OCTOPUS IP67/IP54 Industrial Ethernet Switches






The OCTOPUS family of switches meets all relevant industry standards and provide the most robust switches in the market. With Power over Ethernet, Professional firmware standard on most models and Gigabit connectivity for where a higher bandwidth connection is required.

All products in the OCTOPUS family can be mounted on the wall or directly on the machine. The IP67 variants offer 8/16/24 Twisted Pair ports (each with up to 8 PoE ports), using standardized 4-pin M12 D-code technology. As the switches are freely cascable, it is simple to build decentralized structured networks with the shortest possible patch cables to the end devices. The OS20 and OS30 switches utilize IP67 fiber connections per the IEC 61076-3-106 standard – variant 1 is approved by ODVA for use with EtherNet/IP, variant 4 is approved for use with PROFINET.

Standard features include: totally enclosed IP67 design, standardized 4-pin M12 D-code IP67 Ethernet connector, OCTOPUS M is the industry's first managed IP67 switch, management via SNMP v1, v2, v3, web GUI or Telnet, redundancy via HIPER-Ring, MRP and Rapid Spanning Tree, redundant power supply for high availability, operating temperatures as low as -40°C to +70°C, and external signaling of alarms via signal contact or network messaging.



OCTOPUS Fast Ethernet Unmanaged Waterproof IP67/IP54 Switches			
Product	Part No.	Order No.	Ports/Features
	OCTOPUS 5TX EEC	943 892-001	5 x 10/100 Mbit/s M12-coding, Unmanaged
	OCTOPUS OS20-001000T5TAFUHB	942 025-001	10 x 10/100 BASE-TX, M12 D coding, 4-pole
	OCTOPUS OS20-001000T5TNEUHB	942 025-004	10 x 10/100 BASE-TX, M12 D coding, 4-pole (110 V version)

OCTOPUS PoE Fast Ethernet Unmanaged Waterproof IP67/IP54 Switches			
Product	Part No.	Order No.	Ports/Features
	OCTOPUS OS24-081000T5T5TFFUHB	942 025-003	8 x 10/100 Base-TX PoE (Phantom Power) and 2 x 10/100 Base-TX (24 V version)
	OCTOPUS OS24-081000T5T5TNEUHB	942 025-004	8 x 10/100 Base-TX PoE (Phantom Power) and 2 x 10/100 Base-TX (110 V version)



OCTOPUS IP67/IP54 System Accessories

OCTOPUS IP67/IP54 Connectivity Solutions		
Part No.	Order No.	Description
EF12RJ45 OCTOPUS	934 498-001	Bulkhead M12 to RJ45
ACA21-M12 EEC	943 913-002	ACA 21 auto configuration adapter for OCTOPUS managed switches
OCTOPUS Terminal Cable	943 902-001	M12 4-pin to Sub-D 9-pin terminal cable
EM12S 001L0200 OCTOPUS	934 578-001	2 m Fast Ethernet patch cord 2 x M12 D-code
EM12S 001L0500 OCTOPUS	934 578-002	5 m Fast Ethernet patch cord 2 x M12 D-code
EM12S 001L1000 OCTOPUS	934 578-003	10 m Fast Ethernet patch cord 2 x M12 D-code
EM12G 001L0100 OCTOPUS	942 081-001	1 m Gigabit Ethernet patch cord 2 x M12 X-code
EM12G 001L0200 OCTOPUS	942 081-002	2 m Gigabit Ethernet patch cord 2 x M12 X-code
EM12G 001L0500 OCTOPUS	942 081-003	5 m Gigabit Ethernet patch cord 2 x M12 X-code
EM12S OCTOPUS	934 445-001	Field attachable FE M12 connector D-code
EM12G OCTOPUS	942 083-001	Field attachable GE M12 connector X-code



Railway Approved Ethernet Data Cables		
Part No.	Order No.	Description
Ethernet Rail Transit Cable BE43769	942 037-001	500 m Railway Approved Ethernet Data Cable 100 Mbit/s, Cat 5e, AWG 22/19 Stranded
Ethernet Rail Gigabit Cable BE43800	942 075-500	500 m Railway Approved Ethernet Data Cable 1000 Mbit/s, Cat 5e, AWG 26/19 Stranded

