The PROmesh B8 compact

This managed switch provides maximum performance in the smallest space.

With the innovative PROmesh B8 compact, probably the **smallest and strongest managed switch in the world**, the focus is on high performance, quality and reliable availability in the smallest possible space.
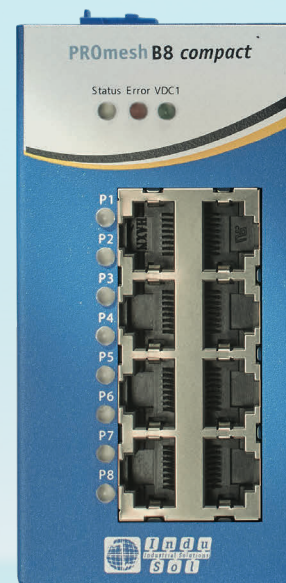
The PROmesh B8 compact drives the miniaturisation of the managed switch technology to the peak performance and becomes the joker in every control cabinet and for every application. At the same time, the PROmesh B8 compact makes absolutely no compromises regarding performance.

This switch is suitable for numerous applications in which space and flexibility are required, such as:

» **Creates valuable space in every control cabinet.** This makes handling connectors and cables and achieving optimum radii significantly easier.

» Offers **up to approx. 80% space saving** compared to customary managed switches with comparable performance.

Technical data

Environment monitoring	24V, temperature
Performance monitoring	yes
Ports	8 x 100 Mbit/s
PROFINET standard	V 2.4
PROFINET Conformance Class	B
Ethernet/IP	yes
Netload class	III
VLAN	yes
Redundancy	MRP Master, MRP Client, STP, RSTP
SNMP	v1, v2c, c3
Degree of protection	IP20
Operating temperature	-10 °C to +60 °C
Voltage supply	24 VDC
Backplane (Gbps)	6.3
Throughput (Mpps)	1.6
Shared buffer (Mbit)	2.0
SD memory card	yes
Dimensions in mm	50 x 100 x 60 mm
Weight	350 g
Type of assembly	Top hat rail

» **Works in the smallest space directly in the machine**, e.g. robot arm, printing machine inking units, automated guided vehicle systems (AGV), terminal boxes (decentralised networks, and much more)

» **Security and convenience for installations in control boxes** (e.g. extensive systems, etc.)

» **Attractive price advantage**, the micro SD card for the device configuration is included with no extra charge