New Compact M12 8-Port Managed Switch for Rugged Environments

The new MAGBES version is specifically built for installations on vehicles like trains, buses, trucks, operating in dusty and vibrating environments. The compact switch comes with 8 ports on M12 and can be installed with DIN-Rail or Flange mounting.

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The new MAGBES F211M version is the perfect solution for installation on vehicles and comes with 8 ports on M12 (X-coded, each port 10/100/1000Mbit). All connectors are accessible from one side for easy installation. Despite the compact size, the M12 connector arrangement allows quick and secure cable connections. Even the power connector is on the same side. On request, it can be moved to another location. Internal wiring effort has been reduced to a bare minimum to insure the trouble free operation under shock and vibration conditions. The switch can be installed on a DIN rail or with flange mounting. With this arrangement the MAGBES solution meets all requirements for an application within a vehicle or other rugged environment.

compact size:
82 x 120 x 162mm

The MAGBES product family consist of several versions and models, meeting all your needs. The switches are extreme compact and come in several housing options, even as open frame board solution to install and operate in an existing compartment. For IP67 solutions or defense applications, MPL also provides solutions with MIL 38999 connectors.

The supply power is 5-36VDC and the power consumption is under all conditions below 8W. Optionally, the MAGBES can be equipped with a redundant power input or different supply power. The standard temperature range of the managed switch is from -20°C to +60°C and optional from -40°C to +85°C.

Variations of the of the 8-port MAGBES switch come with 1-4 fiber ports. The MAGBES product line support switch features like: Quality of Service, VLAN, Rapid Spanning Tree, Snooping, just to mention a few. To adjust the switch settings the MAGBES comes with an easy to operate Web Interface or Telnet. The MAGBES can also be operated unmanaged.

The MAGBES is 100% designed and produced by MPL AG in Switzerland. The Switch is designed to meet IEC60945, EN50155, CE, and MIL-STD-810 standards like all other Networking and Embedded Computer products from MPL AG. For more specific information, please contact MPL AG.

About the Company
MPL AG is located in Switzerland and was founded in 1985. Since the beginning, MPL stands for robust designs, long-term availability, low power consumption, and fanless concepts. The products are designed from scratch to succeed in extended temperature and meeting the high demands of rugged environments.

Contact information
Remy Loertscher
MPL AG
Täfernstrasse 20
CH-5405 Dättwil, Switzerland
phone: +41 (0)56 483 34 34
info@mpl.ch - **www.mpl.ch**