



## Press release

June 2021

### Wieland's

#### **ROBUST SWITCH FOR USE IN THE FIELD**

The new IP67 Ethernet switch from Wieland Electric enables reliable operation even under the most adverse environmental conditions

Modular and flexible machine concepts are growing rapidly in importance. As this happens, more and more automation parts are being connected in a way that is not centralized. This also applies to IP switches, which are no longer only mounted in the control cabinet, but also directly onto the machine. To ensure that network components operate reliably under these conditions, the devices must meet stringent specifications as they are directly exposed to potentially harmful influences such as dust, moisture, and electromagnetic radiation. Wieland Electric offers a suitable solution to this with its new IP67 switch.

The wienet IP-SWITCH UMS 8-W-M12 is equipped with a robust metal housing and can therefore be used under the most adverse environmental conditions. Splashed water, contamination and high temperatures up to 75° Celsius are handled without any problems. In addition, the switch complies with the EN 50155 standard, making it suitable for the harsh requirements of railroad applications. Fluctuations and interruptions in the power supply are tolerated, as are vibrations, shocks and high relative humidity. The compact device is easy to maintain and features a long service life and high electromagnetic compatibility (EMC).

The new Wieland Electric IP67 ethernet switch's plug-and-play feature allows for quick commissioning even without programming experience. Eight M12 Fast Ethernet ports allow sensors and actuators to be connected in a stable and consistent way which contributes to low failure rates. Its compatibility with programmable logic controllers (PLCs) within the IEC 61131-2 framework also ensures reliable network operation with the lowest possible failure rate.

The robust and compact IP67 Ethernet switch from Wieland Electric ensures reliable operation even in harsh environments.

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