******Interference-free transmission with the Ethernet media converter**

# The new FL MC EF 660 SCRJ media converter from Phoenix Contact enables the connection of cost-effective polymer and HCS/PCF fibre technology.

# The optical transmission of data via fibre optics is free of electromagnetic interference and provides complete electrical isolation on the transmission path. This is therefore particularly suitable for Ethernet applications.

# Specifically designed for PROFINET, the SC-RJ connector enables easy self-assembly without specialist knowledge. The devices, which are transparent with respect to transmission, have a short delay time (latency) of 60 ns. This is particularly advantageous for time-critical Ethernet protocols. In addition to numerous diagnostic LEDs, the media converters feature the LFPT (Link Fault Pass Through) function. This ensures permanent and consistent connection monitoring. If a link is lost, redundancy mechanisms can be activated immediately. Integrated fibre optic diagnostics continuously indicate the receiving power via an LED bar graph. In addition, a broken fibre or the instance when the system reserve is reached can be read via two floating switching outputs.

**ENDS**

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