Press Release

MP8(4): Telegärtner‘s new 8P4C RJ45 plug for PROFINET applications

Steinenbronn, March 2026: Telegärtner presents an especially practical RJ45 plug with four contacts for PROFINET applications. The new MP8(4) plug can be assembled using the same tool as the proven 8P8C Cat.6_A RJ45 plug.



Caption: The new 8P4C RJ45 plug MP8(4) differs from the 8P8C Cat.6_A version MP8(8) only in the number of contacts and the wire manager inside of the plug.

Telegärtner is expanding its range of RJ45 plugs with an 8P4C version for PROFINET applications. PROFINET patch cords have long been part of the product portfolio. As part of the plug‘s design optimization, Telegärtner decided to offer the PROFINET plug now as a standalone product as well.

“Our new MP8(4) for PROFINET is assembled in the same way as our proven Cat.6_A RJ45 plug MP8(8)”, says Jasmin Hofbauer, Product Manager DataVoice at Telegärtner. “The same crimping tool, the same crimp insert, the same strain relief boots – with our comprehensive product range, we make the assembly of two pair and four pair Ethernet cables as easy and efficient as possible for cable assembly houses.”

The new plug thus benefits both cable assemblers and users who want to assemble their own patch cords. The wire manager accepts AWG22/7 and AWG22/19 wires with an outer diameter of up to 1.6 millimeters. The plug is suitable for data rates up to 100 Mbit/s and Power over Ethernet Plus according to IEEE 802.3at.

Telegärtner's MP8(4) complies with the PROFINET Installation Guideline and is UL listed, which is important for exporting machinery and industrial plants. The new plug is available from stock.