

Press Message

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M12 interfaces for safe signal transfer

Ostfildern, 11.02.2019 - **In the automation system PSS 4000-R for railway, Pilz now provides two new control heads with M12 interface. So reliable signal transmission is guaranteed on and beside the track, even under adverse conditions!**

Two new control heads with interfaces for M12 plug-in connectors expand the railway range of the automation system PSS 4000-R from Pilz: one head module with PLC functions and one I/O head module. Both are suitable for application conditions in accordance with the CENELEC standards EN 5012x. Thanks to the 4-pin coded M12 interfaces they ensure interference-free communication on rail vehicles and in signal and telecommunication facilities, even with difficult environmental conditions and high mechanical loads.

Suitable I/O modules with railway approval are available for safe digital and analogue signal processing. T-type I/O modules can be used for the extended temperature range of -40 to +70°C for non-safety-related signal processing.

Information on the automation system PSS 4000-R can be found [here](#)



Caption: Robust communication: Two new control heads with M12 interfaces supplement the railway range of the automation system PSS 4000-R from Pilz.

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