



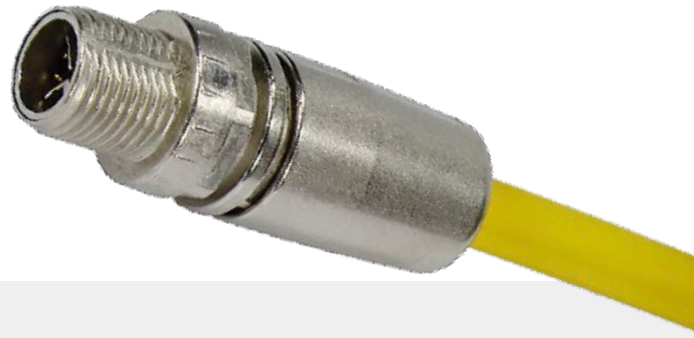
Pushing Performance



People | Power | Partnership

HARTING M12 Press and Go Fast and to the point.

Unique variety. Convincing advantages.



Press and Go offers a cost efficient alternative to IP65 / IP67 overmolded cable assemblies and extremely fast implementation times.



Data, signal and power

Standard-compliant M12 Press and Go solutions for data, signal and power applications with integrated 360° screening termination. Press and Go solutions are best suited for high performance Ethernet applications up to 10 Gbit/s.



Compact, robust design

The compact metal connector's robust design offers a high level of resistance to welding sparks, acids, oils, lye and UV light. A cable assembly with Press and Go technology is consequently suitable for virtually any application.



Temperature range from -40 °C to +85 °C

Thanks to their robust design, connectors with Press and Go technology can be used at temperatures ranging from -40 °C to +85 °C in IP65 / IP67 applications.



Suitable for rail vehicle applications

Unlike conventional overmolded cable assemblies, Press and Go technology largely dispenses with flammable materials on the connector. This makes Press and Go particularly interesting for applications in the rail industry.



Extremely fast implementation times

Press and Go is an economical alternative to classic overmolded cable assemblies and offers extremely fast implementation times paired with extremely flexible handling with various cables.



Convincing quality

All Press and Go cable assemblies conform to HARTING's high quality demands. The cable assemblies are electrically and mechanically tested and can no longer be opened once they have been pressed. In this way HARTING provides a high level of quality and reliability for your application.

Press and Go.

Uncompromising, safe and fast.

Today, cables with assembled connections are an elementary part of every company's infrastructure. They constitute the lifeline for transporting data, transferring signals and supplying power. In the past, overmolded and consequently non-detachable connections were the global standard in terms of reliability. With its Press and Go technology, HARTING has now developed a powerful alternative that guarantees new benchmarks for implementation times.

HARTING Press and Go – the non-detachable cable assembly that overcomes every challenge!

The miniaturization trend, increasing data transfer rates, energy efficiency, and the reduction of toxic substances in the event of a fire are just a few examples of rapid changes in technology that are also making their way into cable connections.

In order to meet the new technical and commercial requirements, industry is continually developing new cable configurations with a direct influence on the cable diameter and outer sheath material.

Consequently, overmolding, the currently employed method is constantly encountering new challenges due to the fact that changes in both the processing technology and the overmolding material are frequently required. It is necessary to give consideration to changing cable diameters and the cable mantle's new chemical composition or structure. A time-consuming qualification process begins once the process parameters, and possibly also the mold, have been adapted. In response to this situation, HARTING developed Press and Go technology, a method that simply avoids the networking of different materials required in overmolding, while meeting the tough demands placed on signal integrity and performance. Naturally this approach fulfills the requirements placed on Cat. 5 and Cat. 6A.



The solution is just as simple as it is effective, because instead of being elaborately screwed on, the connector is simply pressed onto the cable using a metal sleeve. As a result, the integrated rubber gasket directly creates a connection that satisfies all the demands with regard to leak tightness and robustness.

Whether used in extremely low or high temperatures or in an environment with increased flammability: Press and Go meets the requirements. Flexible, reliable and safe no matter where it's used.

Convince yourself of the uncompromising and fast way to reliably assemble non-detachable cables and profit from the speed with which we take on your challenges.

A summary of the Press and Go's advantages

- Supply of any known or new cable
- Press on a metal sleeve with rubber gasket to seal the cable
- Short IP test, done!

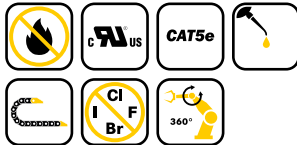
The new benchmark. For every single connection.



DATA SIGNAL POWER



Profinet Fast Ethernet



Suitable for PROFINET cabling in category 5/class D as defined by ISO/IEC 11801 or EN 50 173 and ISO/IEC 24 702 or EN 50 173-3

- Can be deployed for Fast Ethernet data cabling in the industrial sector
- Suitable for drag chains
- RoHS compliant, UL certified, flame-retardant, halogen-free

Outdoor applications



Suitable for cabling in category 5/class D as defined by ISO/IEC 11801 or EN 50 173 and ISO/IEC 24 702 or EN 50 173-3

- Can be deployed for Fast Ethernet data cabling in the industrial sector and general purpose buildings
- Suitable for flexible system cables in outdoor areas
- RoHS compliant, UL certified, flame-retardant

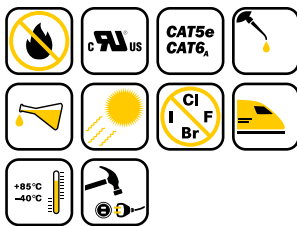
SERCOS III Fast Ethernet



Suitable for SERCOS III cabling in category 5/class D as defined by ISO/IEC 11801 or EN 50 173 and ISO/IEC 24 702 or EN 50 173-3, IEC 61 918

- Can be deployed for Fast Ethernet data cabling in the industrial sector
- Can be deployed for Gigabit Ethernet data cabling as defined by ISO/IEC 11 801
- Suitable for flexible system cables
- RoHS compliant, UL certified, flame-retardant

Gigabit Ethernet



Suitable for transferring Gigabit and 10 Gigabit Ethernet in accordance with IEEE 802.3 as well as multimedia services

- Particularly suitable for data transfer in rail vehicles
- Fire safety in accordance with EN 45 545-1, -2 and -5, flame-retardant and high-temperature resistance in accordance with DIN 5510 (1-4) and EN 50 264-1
- Temperature range from -40 °C ... +85 °C
- UV-resistant
- RoHS compliant, halogen-free LSZH

For rail vehicle applications



Suitable for rail vehicle applications

- Fire safety in accordance with EN 45 545-1, -2 and -5, flame-retardant and high-temperature resistance in accordance with DIN 5510 (1-4) and EN 50 264-1
- Temperature range from -40 °C ... +85 °C
- UV-resistant
- RoHS compliant, halogen-free LSZH



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