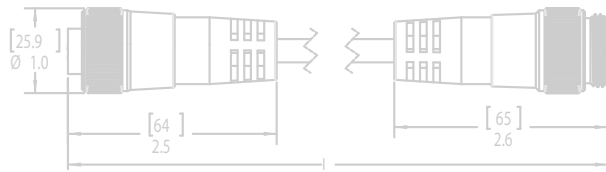# Foundation Fieldbus

H1/High Speed Ethernet

Over-Molded Cordsets | Receptacles | Field Wireables | Accessories
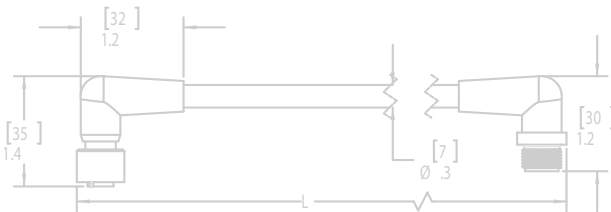
UL File #:
E149111

The Foundation Fieldbus architecture provides a communications protocol for control and instrumentation systems. Each device has its own "intelligence" and communicates via a two-way communications system.

Cables are made to the architecture standards, but the connectivity is based on standard M12 and MIN connectors which utilize stainless steel coupling nuts.
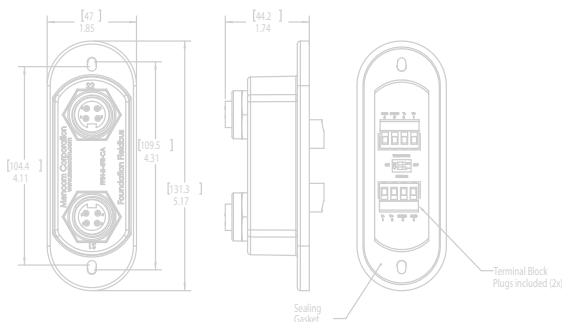

H1

H1 generally connects to field devices. It provides communication and power over standard twisted-pair wiring. H1 is currently the most common implementation.

High Speed Ethernet

High-speed Ethernet (HSE) generally connects input/output subsystems, host systems, linking devices, gateways, and field devices using standard Ethernet cabling. It doesn't currently provide power over the cable

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Receptacles Type

IN = MIN Receptacle (7/8"-16UN)
DC = MDC Receptacle (M12 x 1)

Connector Configuration

MR = Male Receptacle
FR = Female Receptacle

Length in Meters

Mounting Style

Blank = Front Mount 1/2"-14 NPT (Only MIN)
2 = Front Mount 1/2"-14 NPT (Only MDC)
PG9 = Front Mount PG 9 Threads
M20 = Front Mount Metric 20 Threads

Other thread types are available, please consult the factory.

Foundation Fieldbus Series

M