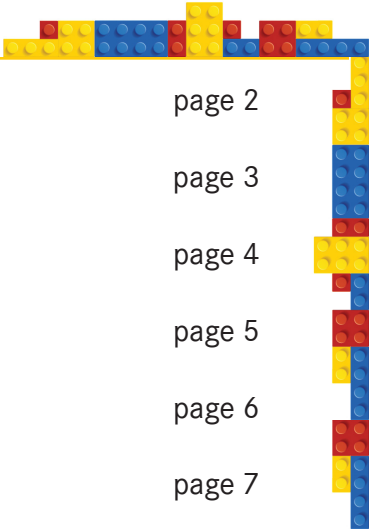# HARTING Solutions for the Automation Industry

The Automation industry is constantly changing with new needs and requirements. The information provided are solutions to these ever changing demands.

Modularity is at the heart of HARTING's connectivity offering. Whether the application requires power, signal, data, or pneumatics HARTING offers dependable and proven connectivity and networking solutions that maximize the reliability, performance and success of applications for the Automation Industry.

If you can dream it you can build it and HARTING will provide the building blocks.
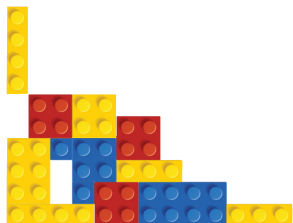
Launch Contents- Modularity

Han-Eco®

Cost Effective and Lightweight Customized Connector Solutions

Key Benefits

- Lightweight and corrosion resistant
- Ease of customization– inserts available in multiple signal types and termination styles
- UL 94 V-0 flammability rating
- Recessed latches and pegs
- Up to IP65

Solutions to Customer Concerns

- Environmental reliability – corrosion resistant plastic
- Reduced connector cost
- Reduced handing costs ─ lightweight
- Coupler hoods, surface mount housings, and covers

For more information contact:
Rich Carlson
Senior Product Manager
847-717-9289
rich.carlson@HARTING.com

Han-*Yellock*®

Revolutionizing the Connector World Again

Key Benefits

- Reliable, safe, and robust push button locking
- Improved aesthetics
- Increased flexibility with standard and modular inserts
- Ease of coding and labeling
- Reduction of panel components
- Up to IP67

Solutions to Customer Concerns

- Fast and easy to mate and un-mate
- Increased space saving with the multiplier insert
- Easy to assemble
- Durability
- Protection against accidental unlocking

For more information contact:
Rich Carlson
Senior Product Manager
847-717-9289
rich.carlson@HARTING.com

Han-Modular®

Custom Connectors with Standard Components

Key Benefits

- Multiple transmission media in one connector
- Multiple termination styles
- Multiple housing styles (stainless steel and multiple aluminium choices)
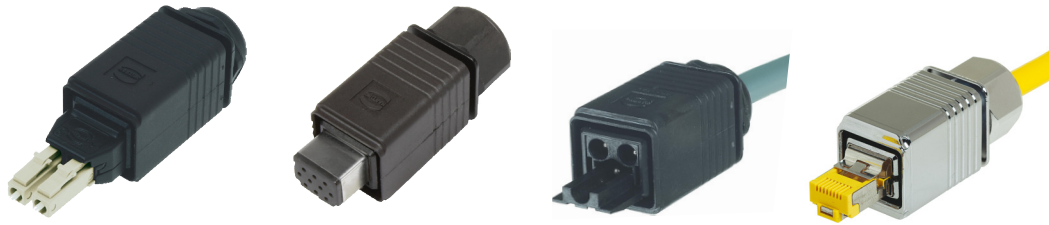- Reduced total installed cost
- Up to IP69K

Solutions to Customer Concerns

- Customized solutions with off the shelf components
- Easy to assemble
- Space saving solutions
- Ease of expandability with blank modules

For more information contact:
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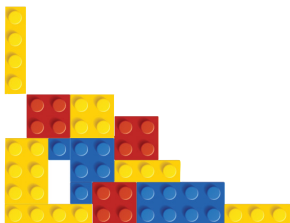
HARTING PushPull

Increased Communication Flexibility in an IP67 Connector

Key Benefits

- Easy handling in very constricted areas
- IP65/67 protection
- Compact design with plastic or metal housing variants
- Shock and vibration proof
- Modular solutions for data, power, and signal

Solutions to Customer Concerns

- Rugged construction
- Combined data and power in a single small hybrid connector
- Easy insertion and snap engagement with an audible click
- Space savings with miniaturized design and side by side mounting
- Robust communication connectivity with fiber optics, Ethernet, and USB

For more information contact:
Slavco Anastasov
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847-717-9256
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HARTING RJ Industrial® 10G

10G Speeds with Multiple Housing and Connection Styles

Key Benefits

- Tool-less assembly for both 2 and 4 twisted pair Ethernet cables
- Large cable diameter range (4.5-9 mm) and wire diameter range (AWG27-AWG22)
- One type of insert for multiple housing styles to meet all environmental needs
- 360° shielding

Solutions to Customer Concerns

- Data rates up to 10 gigabit Ethernet
- Quick and easy field installation without special tools
- Increased bandwidth and capabilities for a higher system performance
- Shock and vibration resistant connection
- Robust and outdoor resistent design

For more information contact:
Slavco Anastasov
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slavco.anastasov@HARTING.com
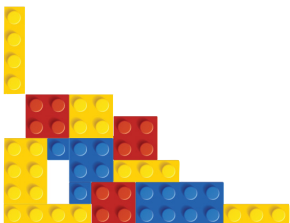
Ha-VIS Fast Track Switch

Flexible Ethernet Switch - Determinism, Multiple Topologies, and Mixed Protocols

Key Benefits

- *PROFINET, EtherNet/IP , Modbus TCP compliance at a lower cost*
- Reduction in network devices
- Improved speed and network performance
- Multiple network protocol configurations
- Standard Ethernet device compatibility
- Deterministic- user defined priority packets

Solutions to Customer Concerns

- Integrate the industrial environment with the IT Network
- Fiber, Copper, and Gigabit ports
- Configurable to accelerate *PROFINET*, *EtherNet/IP*, or customized IP frames
- One switch for all protocols
- Real time data and reduced latency/delay

For more information contact:
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