

HARTING Solutions for the Wind Energy Market



A range of different components - generators, gear mechanisms, contact rings, and pitch control systems - all work together in a wind energy plant. The interplay of these parts is managed centrally from the electrical control cabinet located in the housing. HARTING delivers products and services to ensure that these components are electrically connected in a safe manner and gaurantee data communication between them.

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Create custom connectors from off the shelf components

Key Benefits

- Combine different transmission media and contact types in one connector
- Allows any combination power, signal, fibre optic, coax, D-sub, and pneumatic contacts
- Custom designs can be easily assembled

Solutions to Customer Concerns

- All modules are standard parts
- Reduces costs
- Easy solutions for individual customer problems
- Space saving solution

Other Markets

- Machinery
- Factory Automation
- Transportation
- Broadcast & Entertainment

For more information contact:

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Han® Quick Lock



Fast and tool less wire termination

Key Benefits

- Fast and simple termination
- Vibration resistant
- Combines height contact density of crimp contacts with the easy handling of cage clamp termination
- Compatible with many Han® inserts and modules

Solutions to Customer Concerns

- High vibration safety
- High wire pull out force
- Low contact resistance
- Saves applied costs by reducing wiring time
- No expensive crimp tools

Other Markets

- Transportation
- Factory Automation

For more information contact:

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Ha-VIS mCon 3000 Next Generation



Enables the connection of up to 10 network devices over Twisted Pair-Cable and fiber optic cables

Key Benefits

- Full managed Ethernet Switch acc. to IEEE 802.3
- Up to 10 ports, managed, non-blocking
- Gigabit Uplink ports, RJ45 and SFP modules
- Multifuncion button for fast commisioning

Solutions to Customer Concerns

- Small, robust metal housing
- External SD card for storage of the configuration
- Fast removable Ethernet data links vis SFP "hot swap"
- EMC, temperature range and mechanical stability meet the highest demands

Other Markets

- Industrial Automation
- Automotive Industry
- Solar Power
- Maritime

For more information contact:

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M12 Circular Connectors





Circular connectors provide various solutions inside and outside of the wind turbine

Key Benefits

- Large portfolio of M8/M12 industrial grade connectors for Ethernet applications
- IDC termination for tool less, fast, reliable, and robust installation
- Vibration proof termination option
- IP 65/67

Solutions to Customer Concerns

- Shielded and unshielded versions
- · Easy and quick field installation
- Straight and angled versions
- · Range of pre-assembled overmolded cordsets in stock

Other Markets

- Machinery
- Factory Automation
- Broadcast & Entertainment

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Other Offerings from HARTING...



Lockout Tagout/ HARTING Locking Element

- Locks double lever "B" housings
- Versions for metal or Easy-Lock levers
- Can be padlocked at any time
- New single lever version is now available

Slip Ring Coupling

- Complete solution
- Easy maintenance
- Thermal barrier tho protect against increased oil pan temperatures
- Made of chill-cast aluminum alloy





LED Light

- Robust
- Guaranteed service life of 10 years
- Protection rating of IP 65
- Can be equipped with a heat sink
- Low maintenance