



Pushing Performance  
Since 1945

### Customised & cabling solutions

Standardised system cabling and customised cable assemblies for individual requirements. All cabling solutions also fulfill industrial standards.

[HARTING customised colutions](#)

#### Your benefits at a glance:

- Protecting critical infrastructure** through connectivity from the trusted European market leader for industrial connectors with diversified global sales and production
- High scalability and efficient maintenance** processes due to modularity
- Time savings** due to easy installation and accelerated tool-changes
- Interference-free and stable video and signal transmission**
- Weight and space savings** of up to 50 % due to smaller and lighter connectors
- Stable connections** due to various locking systems to avoid loosing parts
- Customised solutions** based on your requirements



[Han® MPC](#)  
(Minuature Power Connector)



[HARTING ICC 20 DAC](#)  
(drone arm connector)



[Device connectivity](#)  
(PCB connectors, data interfaces, ...)



[Circular connectors](#)  
(M5, M8, ICC 20, ...)

## HARTING.com – the gateway to your local website.

#### General information:

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PEOPLE. POWER. PARTNERSHIP.

## HARTING Reliable connectivity and cabling solutions for unmanned aerial vehicles (UAVs)

# Reliable connectivity and cabling solutions for unmanned aerial vehicles (UAVs)

Unmanned aerial vehicles (UAVs) are becoming increasingly important in today's rapidly evolving digital landscape. Companies are striving to digitally transform their industrial processes in order to reduce costs and improve working environments. Whether for mapping of large fields, intelligent obstacle detection or fully automated operations for the precise application of water, fertilisers and more. Commercial drones and quadcopters are helping to enable industrial self-control.

## Higher scalability

Modular architectures and platform concepts are state of the art for ensuring high flexibility to commercial drones. Plug-in interfaces are essential for enabling the necessary modularity, e. g. to add more drone arms for heavier loads or different configurations for longer flight time.

- [ICC 20 DAC \(drone arm connector\)](#)
- [Industrial connectors Han®](#)
- [Industrial circular connectors \(ICC 20, ...\)](#)
- [Metric circular connectors \(M5, M8, M12, ...\)](#)

## Efficient installation and maintenance processes

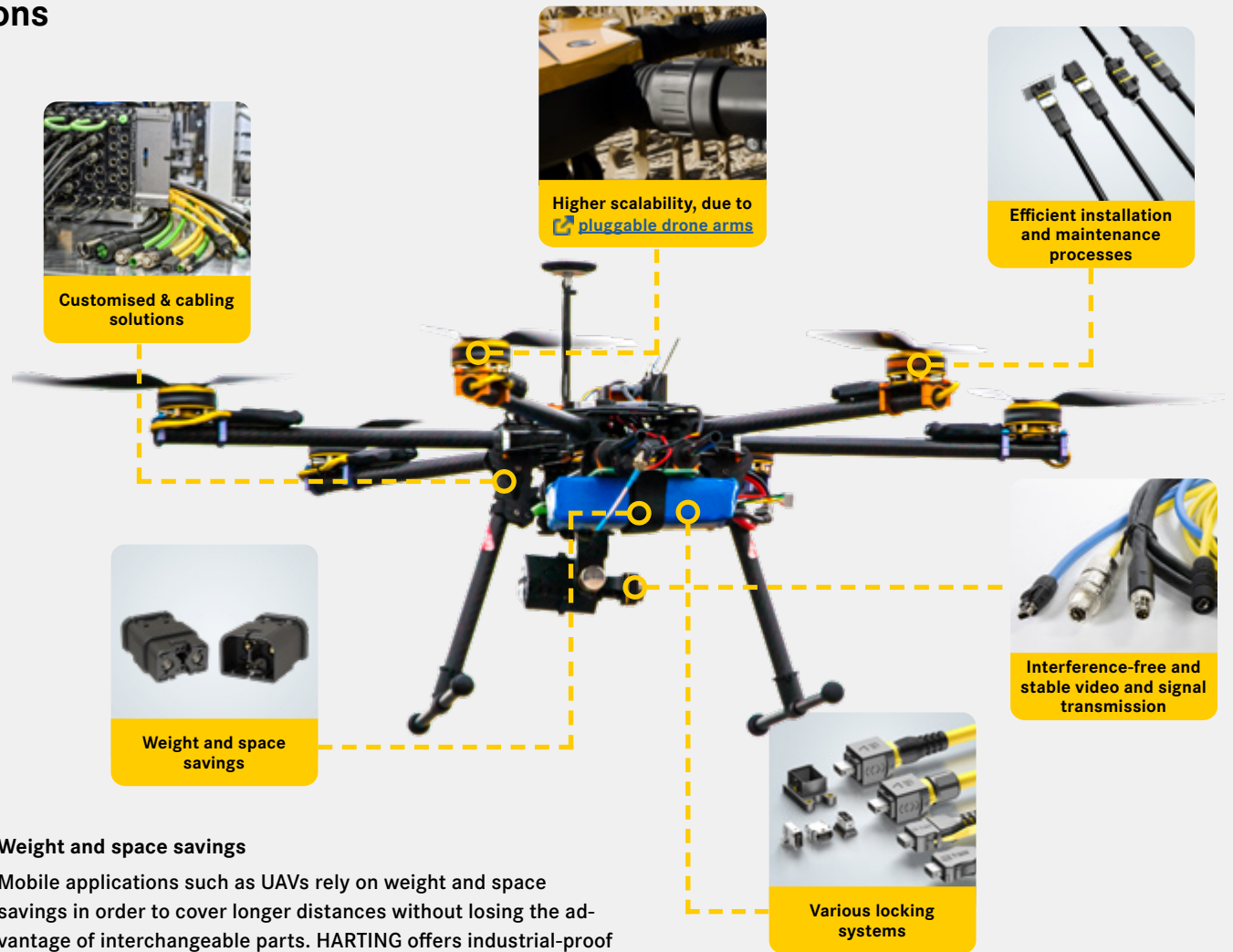
Hard-wired connections can become a bottleneck for production and maintenance processes. HARTING connectivity ensures accelerated workflows with high quality.

- [Industrial connectors Han®](#)
- [Industrial circular connectors \(ICC 20, ...\)](#)
- [Metric circular connectors \(M5, M8, M12, ...\)](#)

## Interference-free and stable video and signal transmission

Commercial drones need reliable connections for camera and payload sensors. HARTING offers shock- and vibration-proof solutions with data rates up to Cat. 8.2 (40 Gbit/s) and interference-free fibre optic solutions.

- [Industrial Ethernet solutions](#)
- [Han-Modular® - The modular connector](#)
- [Han® 1A \(Fibre optic & power\)](#)



## Weight and space savings

Mobile applications such as UAVs rely on weight and space savings in order to cover longer distances without losing the advantage of interchangeable parts. HARTING offers industrial-proof solutions with a small footprint and high current capacities. One example is the new HARTING Miniature Power Connector (MPC). Especially developed for commercial drones.

- [Han® MPC](#)
- [Han® 1A](#)
- [M5 circular connectors](#)
- [Single Pair Ethernet \(SPE\)](#)
- [har-modular® \(Modular PCB connector system\)](#)
- [3D MID \(Like a PCB but in 3D\)](#)

## Various locking systems

Safe and reliable locking systems are essential to prevent the loss of parts. With a wide range of locking mechanisms, HARTING offers the perfect solution for your application.

- [HARTING ix Industrial® with PushPull](#)
- [M12 \(Inner- and outer locking + PushPull\)](#)
- [B17 / B23 / ICC 20 \(Bayonett locking\)](#)
- [Han® 1A](#)