

# DATASHEET

## Factbird® PLC Cable



## COLLECT DATA WITH PLUG-AND-PLAY EASE

The Factbird® PLC cable is designed to facilitate easy connection between existing signals on customer equipment and Factbird® devices

### How it works

Connecting PLC - The Factbird® PLC cable is connected at the input connector terminal of the PLC in the same position as the existing sensor. The other end of the Factbird® PLC cable is connected to the Factbird® devices. To prevent any electrical disturbance, the Factbird® PLC cable contains an optical relay, preventing any galvanic connection between the PLC and the Factbird® devices.

Connecting existing equipment - Find a 24V output signal that goes high once for every produced part and install the Factbird® PLC cable in parallel. The Factbird® PLC cable generates 1 pulse every time the input transitions from 0V to 24V. The pulse will be logged as one product count in the Factbird cloud application.

### Key features

Safe hardwire signal transmission between Factbird® devices and PLC I/O. The Factbird® PLC cable can maximum transfer 60 pulses per second.

### Checklist for installation

- Factbird® devices
- Power supply unit of Factbird® devices
- Factbird® PLC cable

Factbird® PLC Cable	
Input voltage	12-30 V
Input drain@24V	Approx. 10 mA
Cable length	3m/10ft
Cable material	PVC and PUR
Isolation type	Optical
Isolation voltage	4170 V <sub>rms</sub>
IP Rating	IP20
Connection type	2 wire bipolar

#### End of life

When you wish to dispose the sensor cable, please return it to Factbird ApS for recycling or recycle local according to local laws where the end-of-life takes place.

#### Limitations of liability

Factbird ApS shall not be responsible for any direct or indirect damages, commercial losses, loss of profit in any way connected with the Factbird devices.

#### Warranty

Factbird ApS's warranty is that the product is free from defects in materials and workmanship for a period of one year from the date of sale by Factbird ApS.