

RRU4 RFID UHF Reader System

Connecting Kit CK-RRU-ARU-ETH

Order-No. 52010126

These cables are suitable for connecting the Kathrein UHF RFID ARU4 and RRU4 reader family to a power supply unit, to the Ethernet infrastructure, and to a GPIO gateway.

This connecting kit includes 4 single cables with 1.5 m. These cables are also available individually as 10 m versions.



| Order-No. | | 52010126 | available as a 10 m cable |
|--|----|---|---|
| Type-No. | | Connecting kit CK-RRU-ARU-ETH | |
| Ethernet cable | | | |
| M12 connection type | | male connector 4-pole, D-coded | |
| Length | m | 1.5 | Order-No. 52010238 Type-No. R-CC 10 ETH |
| Outer diameter of the cable (shielded) | mm | 6.5 | |
| Assembly at cable head | | M12 male connector, IP 65; RJ-45 male connector, IP 20 | |
| Power supply cable | | | |
| M12 connection type | | female connector 4-pole, A-coded | |
| Length | m | 1.5 | Order-No. 52010240 Type-No. R-CC 10 DC |
| Outer diameter of the cable (shielded) | mm | 4.7 | |
| Assembly at cable head | | M12 female connector, IP 65; flexible wires, if open no degree of protection | |
| GPIO cable | | | |
| M12 connection type | | male connector 8-pole, A-coded | |
| Length | m | 1.5 | Order-No. 52010239 Type-No. R-CC 10 GPIO |
| Outer diameter of the cable (shielded) | mm | 5.9 | |
| Assembly at cable head | | M12 male connector, IP 65; flexible wires, if open no degree of protection | |

Scope of delivery:

- 1x Ethernet cable M12/RJ-45 length 1.5 m
- 1x power supply cable M12/flexible wire length 1.5 m
- 2x GPIO cable M12/flexible wire length 1.5 m

usable with the following readers:

- | | | | |
|---------------|--------------------|---------------|--------------------|
| • RRU4-ETG-E6 | Order-No. 52010094 | • ARU4-ETG-E6 | Order-No. 52010100 |
| • RRU4-ETL-E6 | Order-No. 52010095 | • ARU4-ETL-E6 | Order-No. 52010101 |
| • RRU4-ETG-U6 | Order-No. 52010097 | • ARU4-ETG-U6 | Order-No. 52010103 |
| • RRU4-ETL-U6 | Order-No. 52010098 | • ARU4-ETL-U6 | Order-No. 52010104 |
| • RRU4-ELC-E6 | Order-No. 52010180 | • ARU4-ELK-E6 | Order-No. 52010225 |
| • RRU4-ELC-U6 | Order-No. 52010181 | • ARU4-ELK-U6 | Order-No. 52010226 |

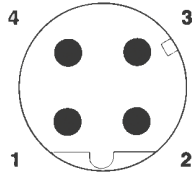
RRU4 RFID UHF Reader System

Connecting Kit CK-RRU-ARU-ETH

Order-No. 52010126

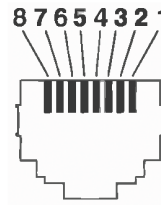
Ethernet connection cable:

Cable - M12 male connector, 4-pole, D-coded:



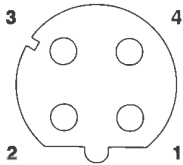
| Pin | Allocation |
|-----|------------|
| 1 | TD+ |
| 2 | RD+ |
| 3 | TD- |
| 4 | RD- |

Cable - RJ-45 male connector:



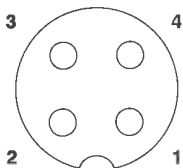
| Pin | Allocation |
|-----|------------|
| 1 | TD+ |
| 2 | TD- |
| 3 | RD+ |
| 4 | n.c. |
| 5 | n.c. |
| 6 | RD- |
| 7 | n.c. |
| 8 | n.c. |

Reader - M12 female connector, 4-pole, D-coded:



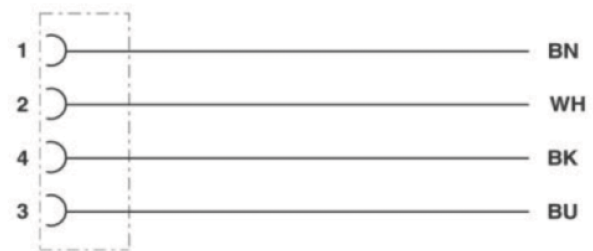
Power supply connecting cable:

Cable - M12 female connector, 4-pole, A-coded:

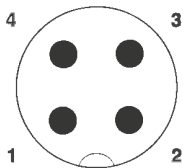


| Pin | Allocation |
|-----|------------|
| 1 | +24 V DC |
| 2 | n.c. |
| 3 | GND |
| 4 | n.c. |

flexible wires:

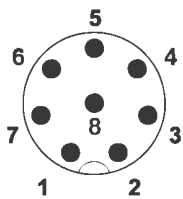


Reader - M12 male connector, 4-pole, A-coded:



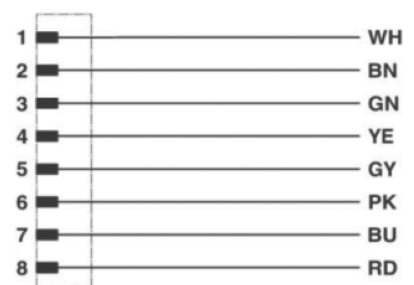
GPIO connecting cable:

Cable - M12 male connector, 8-pole, A-coded:



| Pin | GPIO 1 | GPIO 2 |
|-----|----------|----------|
| 1 | OUT_CMN | OUT_CMN |
| 2 | INPUT 3 | INPUT 0 |
| 3 | INP_CMN | INP_CMN |
| 4 | GND | GND |
| 5 | Ub | Ub |
| 6 | OUTPUT 3 | OUTPUT 1 |
| 7 | OUTPUT 2 | OUTPUT 0 |
| 8 | INPUT 2 | INPUT 1 |

flexible wires:



Reader - M12 female connector, 8-pole, A-coded:

