

This cable is suitable for connecting the KATHREIN UHF RFID M-ARU reader series to a power supply unit, to the serial interface of a PC and to a GPIO gateway.



> General Specifications

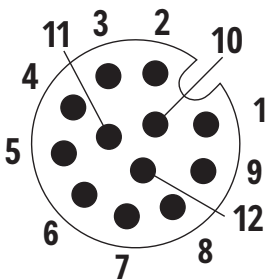
| | | |
|-----------------------------|------|---|
| Order No. | | 52010241 |
| Type | | R-CC 10 RS |
| Length | [m] | 10 |
| Connector | [mm] | 1 x M12 male connector, 12-pole, A-coded |
| Other diameter of the cable | [mm] | 8.5 |
| Assembly at the cable head | | 1 x M12 male connector (IP 65), 1 x flexible wire (if open, no degree of protection) |

> Usable with the Following Readers

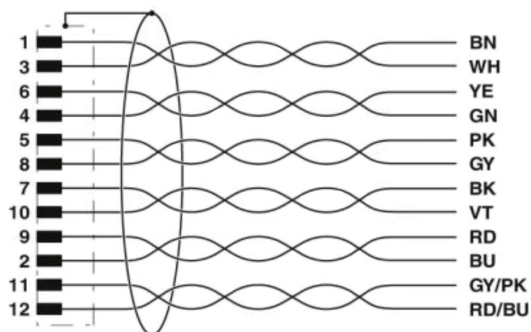
| M-ARU Reader Series | Order No. | Type |
|---------------------|-----------|------------------|
| | 52010135 | M-ARU-RS232 ETSI |
| | 52010136 | M-ARU-RS232 FCC |
| | 52010198 | M-ARU-ETH-E6 |
| | 52010199 | M-ARU-ETH-U6 |

> Drawings

Schematic Diagram – M12 Male Connector



Flexible Wires



Pin Allocation

| Pin | Description |
|-----|--------------|
| 1 | GPIO-OUT3 |
| 2 | GPIO-GND |
| 3 | GND |
| 4 | RS-232-GND |
| 5 | RS-232-RxD* |
| 6 | RS-232-TxD** |
| 7 | +24 V DC |
| 8 | GPIO-OUT2 |
| 9 | GPIO-IN3 |
| 10 | GPIO-OUT1 |
| 11 | GPIO-IN2 |
| 12 | GPIO-IN1 |

* connect with TxD of a PC
** connect with RxD of a PC