

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

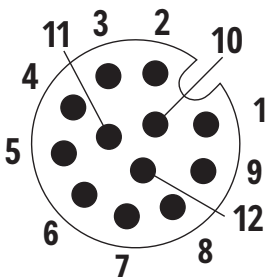
Order No.		52010189
Type		CK-M-ARU-RS
Length	[m]	1.5
Connector	[mm]	1 x M12 male connector, 12-pole, A-coded
Other diameter of the cable	[mm]	8.5
Assembly at the cable head		1 x M12 male connector (IP 65), 1 x flexible wire (if open, no degree of protection)

> Usable with the Following Readers

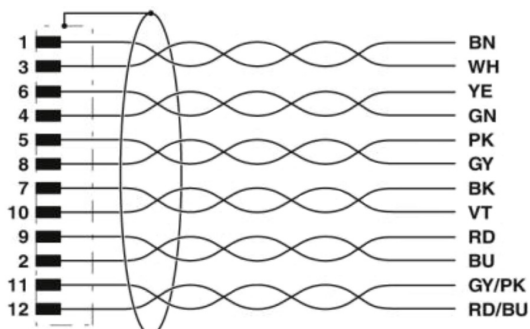
M-ARU Reader Series	Order No.	Type
	52010135	M-ARU-RS232 ETSI
	52010136	M-ARU-RS232 FCC
	52010198	M-ARU-ETH-E6
	52010199	M-ARU-ETH-U6

> 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