

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.



> General specifications

Order No.		52010126	available as a 10 m cable
Type		CK-RRU-ARU-ETH	
Ethernet cable			
M12 connection type		male connector 4-pole, D-coded	
Length	[m]	1.5	Order No.: 52010238 Type: R-CC 10 ETH
Outer diameter of the cable (shielded)	[mm]	6.5	
Assembly at cable head		M12 male connector, IP65; RJ-45 male connector, IP20	
Power supply cable			
M12 connection type		female connector 4-pole, A-coded	
Length	[m]	1.5	Order No.: 52010240 Type: R-CC 10 DC
Outer diameter of the cable (shielded)	[mm]	4.7	
Assembly at cable head		M12 female connector, IP65; 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: R-CC 10 GPIO
Outer diameter of the cable (shielded)	[mm]	5.9	
Assembly at cable head		M12 male connector, IP65; flexible wires, if open no degree of protection	

> Usable with the following readers

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

> Remarks

Accessories optional

- All accessories can be found at: <http://www.kathrein-solutions.com/products/hardware/accessories>

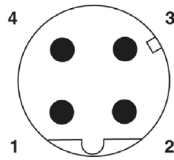
Scope of delivery

- 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)

Drawings

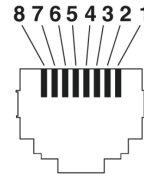
Ethernet connection cable

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



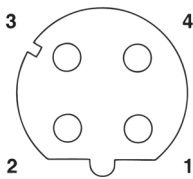
Pin	Allocation
1	TD+
2	RD+
3	TD-
4	RD-

Cable - RJ-45 male connector



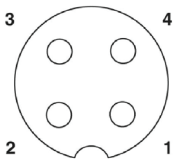
Pin	Allocation
1	TD+
2	TD-
3	RD+
4	n.c.
5	n.c.
6	RD-
7	n.c.
8	n.c.

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



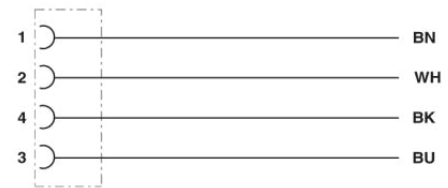
Power supply connection cable

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

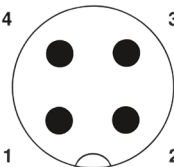


Pin	Allocation
1	+24 V DC
2	n.c.
3	GND
4	n.c.

Flexible wires

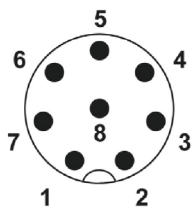


Reader - M12 female connector, 4-pole, D-coded:



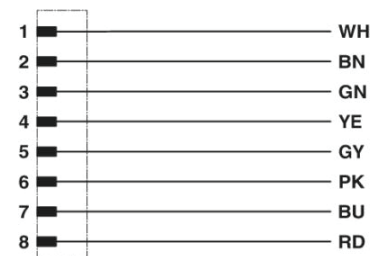
GPIO connection cable

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

