

RRU4 RFID UHF Reader-System

Connecting Kit CK-RRU RS4

Order-No. 52010125

KATHREIN
RFID

These cables are suitable for connecting the Kathrein UHF RFID ARU4 and RRU4 reader family to a power supply unit, to a serial RS-422/485 interface, 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 (except for the serial cable).

This connecting kit is suitable for the following readers:

- | | | | |
|---------------|--------------------|---------------|--------------------|
| • RRU4-RS4-E6 | Order-No. 52010093 | • ARU4-RS4-E6 | Order-No. 52010099 |
| • RRU4-RS4-U6 | Order-No. 52010096 | • ARU4-RS4-U6 | Order-No. 52010102 |



Order-No.		52010125	available as a 10 m cable
Type-No.		Connecting kit CK-RRU RS4	
RS-422/485 cable			
M12 connection type		male connector 5-pole, A-coded	
Length	m	1.5	
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	
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 RS-422/485 cable M12/flexible wire | 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 |

RRU4 RFID UHF Reader-System

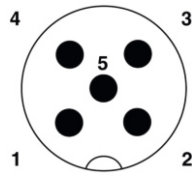
Connecting Kit CK-RRU RS4

Order-No. 52010125

KATHREIN
RFID

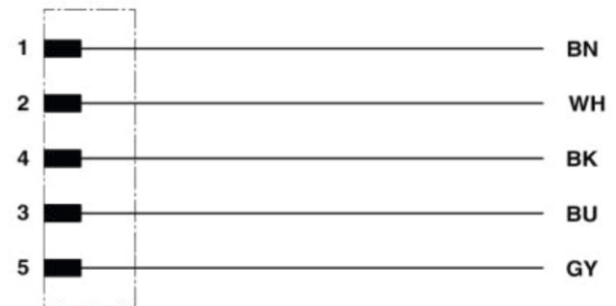
RS-422/485 connecting cable:

Cable - M12 male connector 5-pole, A-coded:

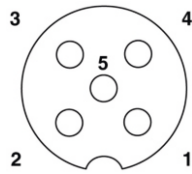


Pin	Allocation
1	RxD+
2	RxD-
3	TxD+
4	RxD-
5	GND

flexible wires:

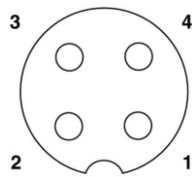


Reader - M12 female connector 5-pole, A-coded:



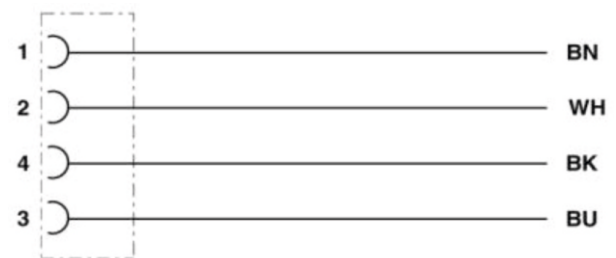
Power supply connecting cable:

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

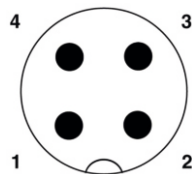


Pin	Allocation
1	+24 V DC
2	n.c.
3	GND
4	n.c.

flexible wires:

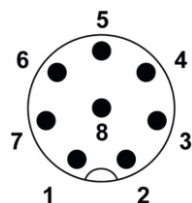


Reader - M12 male connector 4-pole, A-coded:



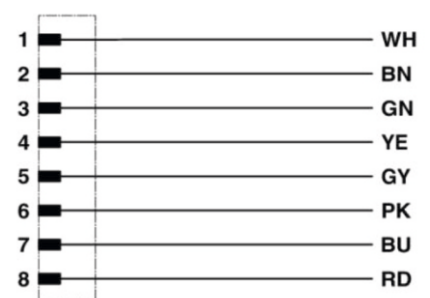
GPIO connecting cable:

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

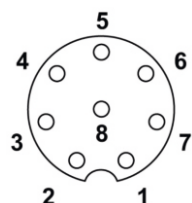


Pin	GPIO 1	GPIO 2
1	OUT_CMN	OUT_CMN
2	INPUT 3	INPUT 0
3	INP_CMN	INP_CMN
4	GND	GND
5	Vcc	Vcc
6	OUTPUT 3	OUTPUT 1
7	OUTPUT 2	OUTPUT 0
8	INPUT 2	INPUT 1

flexible wires:



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



RRU4 RFID UHF Reader-System

Anschlusskabelsatz CK-RRU RS4

Bestell-Nr. 52010125

Dieser Kabelsatz dient zur Verbindung der Kathrein UHF RFID ARU4 and RRU4 Reader-Familie an die Stromversorgung, mit einer seriellen RS-422/485-Schnittstelle, und an eine GPIO-Schnittstelle.

Dieser Kabelsatz besteht aus vier 1,5 m Einzelkabeln. Die Kabel sind auch einzeln als 10 m Version erhältlich (außer seriell Kabel).

Dieser Kabelsatz ist für folgende Reader geeignet:

- | | | | |
|---------------|----------------------|---------------|----------------------|
| • RRU4-RS4-E6 | Bestell-Nr. 52010093 | • ARU4-RS4-E6 | Bestell-Nr. 52010099 |
| • RRU4-RS4-U6 | Bestell-Nr. 52010096 | • ARU4-RS4-U6 | Bestell-Nr. 52010102 |



Bestell-Nr.		52010125	erhältlich als 10 m Kabel
Typ-Nr.		Anschlusskabelsatz CK-RRU RS4	
RS-422/485-Kabel			
Polbild M12		Stecker 5-polig, A-kodiert	
Länge	m	1,5	
Kabelaußendurchmesser (geschirmt)	mm	5,9	
Verbindung am Kabelende		M12-Stecker, IP 65; freies Leitungsende, keine Schutzart wenn offen	
Stromversorgungs-Kabel			
Polbild M12		Buchse 4-polig, A-kodiert	
Länge	m	1,5	Bestell-Nr. 52010240 Typ-Nr. R-CC 10 DC
Kabelaußendurchmesser (geschirmt)	mm	4,7	
Verbindung am Kabelende		M12-Buchse, IP 65; freies Leitungsende, keine Schutzart wenn offen	
GPIO-Kabel			
Polbild M12		Stecker 8-polig, A-kodiert	
Länge	m	1,5	Bestell-Nr. 52010239 Typ-Nr. R-CC 10 GPIO
Kabelaußendurchmesser (geschirmt)	mm	5,9	
Verbindung am Kabelende		M12-Stecker, IP 65; freies Leitungsende, keine Schutzart wenn offen	

Lieferumfang:

- | | |
|---|-------------|
| • 1x RS-422/485-Schnittstellenkabel M12/offen | Länge 1,5 m |
| • 1x Stromversorgungskabel M12/offen | Länge 1,5 m |
| • 2x GPIO-Kabel M12/offen | Länge 1,5 m |

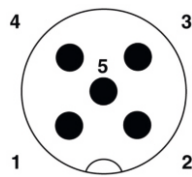
RRU4 RFID UHF Reader-System

Anschlusskabelsatz CK-RRU RS4

Bestell-Nr. 52010125

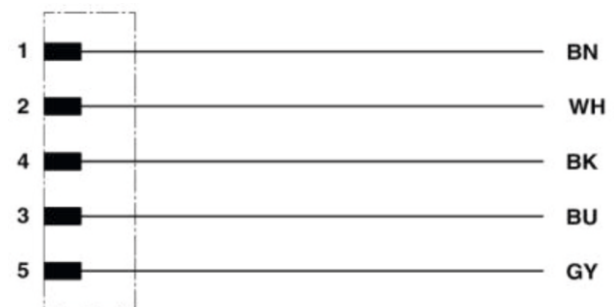
RS-422/485-Schnittstellenkabel:

Kabel - M12-Stecker 5-polig, A-kodiert:

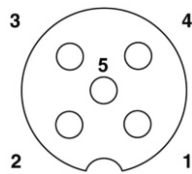


Pin	Belegung
1	RxD+
2	RxD-
3	TxD+
4	RxD-
5	GND

freies Leitungsende:

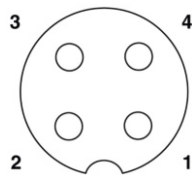


Reader - M12-Buchse 5-polig, A-kodiert:



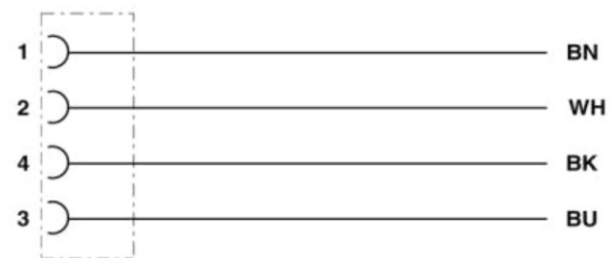
Stromversorgungs-Kabel:

Kabel - M12-Buchse 4-polig, A-kodiert:

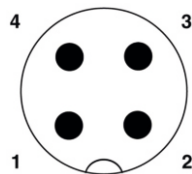


Pin	Belegung
1	+24 V DC
2	n.c.
3	GND
4	n.c.

freies Leitungsende:

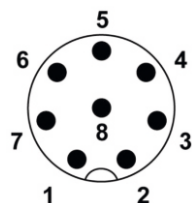


Reader - M12-Stecker 4-polig, A-kodiert:



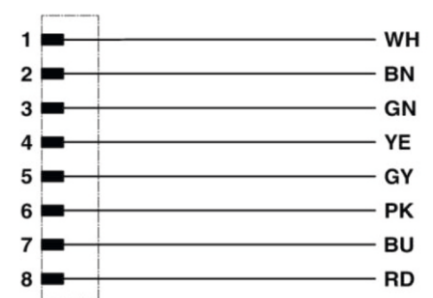
GPIO-Kabel:

Kabel - M12-Stecker 8-polig, A-kodiert:



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

freies Leitungsende:



Reader - M12-Buchse 8-polig, A-kodiert:

