

RRU4 RFID UHF Reader-System

Connecting Kit CK-RRU ETG

Order-No. 52010126

KATHREIN
RFID

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.

This connecting kit is suitable for 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



Order-No.		52010126	available as a 10 m cable
Type-No.		Connecting kit CK-RRU ETG	
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

RRU4 RFID UHF Reader-System

Connecting Kit CK-RRU ETG

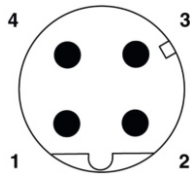
Order-No. 52010126

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RFID

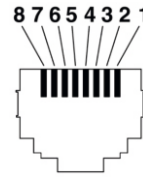
Ethernet connecting cable:

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



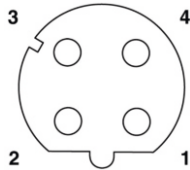
Pin	Allocation
1	TD+
2	RD+
3	TD-
4	RD-

Cable - RJ-45 male connector:



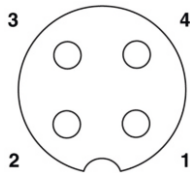
Pin	Allocation
1	TD+
2	TD-
3	RD+
4	n.c.
5	n.c.
6	RD-
7	n.c.
8	n.c.

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



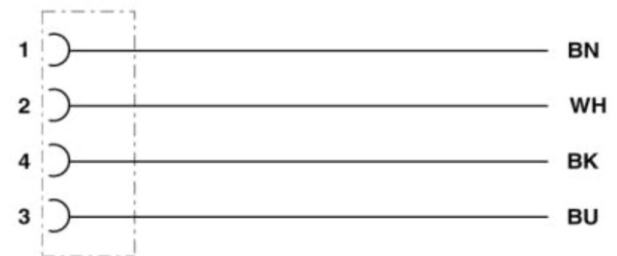
Power supply connecting cable:

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

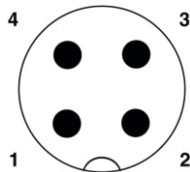


Pin	Allocation
1	+24 V DC
2	n.c.
3	GND
4	n.c.

flexible wires:

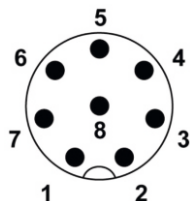


Reader - M12 male connector 4-pole, A-coded:



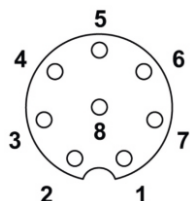
GPIO connecting cable:

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

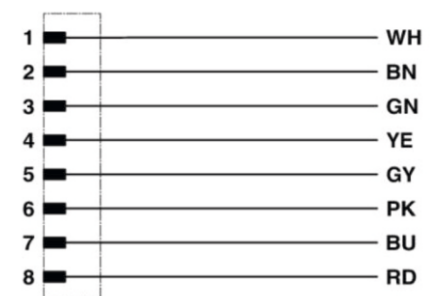


Pin	GPIO 1	GPIO 2
1	OUT_CMN	OUT_CMN
2	INPUT 3	INPUT 0
3	INP_CMN	INP_CMN
4	GND	GND
5	Vcc	Vcc
6	OUTPUT 3	OUTPUT 1
7	OUTPUT 2	OUTPUT 0
8	INPUT 2	INPUT 1

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



flexible wires:



RRU4 RFID UHF Reader-System

Anschlusskabelsatz CK-RRU ETG

Bestell-Nr. 52010126

Dieser Kabelsatz dient zur Verbindung der Kathrein UHF RFID ARU4 and RRU4 Reader-Familie an die Stromversorgung, mit der Ethernet-Infrastruktur, und an eine GPIO-Schnittstelle.

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

Dieser Kabelsatz ist für folgende Reader geeignet:

• RRU4-ETG-E6	Bestell-Nr. 52010094	• ARU4-ETG-E6	Bestell-Nr. 52010100
• RRU4-ETL-E6	Bestell-Nr. 52010095	• ARU4-ETL-E6	Bestell-Nr. 52010101
• RRU4-ETG-U6	Bestell-Nr. 52010097	• ARU4-ETG-U6	Bestell-Nr. 52010103
• RRU4-ETL-U6	Bestell-Nr. 52010098	• ARU4-ETL-U6	Bestell-Nr. 52010104
• RRU4-ELC-E6	Bestell-Nr. 52010180	• ARU4-ELK-E6	Bestell-Nr. 52010225
• RRU4-ELC-U6	Bestell-Nr. 52010181	• ARU4-ELK-U6	Bestell-Nr. 52010226



Bestell-Nr.		52010126	erhältlich als 10 m Kabel
Typ-Nr.		Anschlusskabelsatz CK-RRU ETG	
Ethernet-Kabel			
Polbild M12		Stecker 4-polig, D-kodiert	
Länge	m	1,5	Bestell-Nr. 52010238 Typ-Nr. R-CC 10 ETH
Kabelaußendurchmesser (geschirmt)	mm	6,5	
Verbindung am Kabelende		M12-Stecker, IP 65; RJ-45-Stecker, IP 20	
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 Ethernet-Schnittstellenkabel M12/RJ-45 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 ETG

Bestell-Nr. 52010126

Ethernet-Schnittstellenkabel:

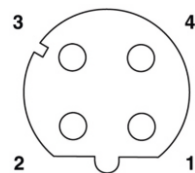
Kabel - M12-Stecker 4-polig, D-kodiert:

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

Kabel - RJ-45-Stecker:

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

Reader - M12-Buchse 4-polig, D-kodiert:

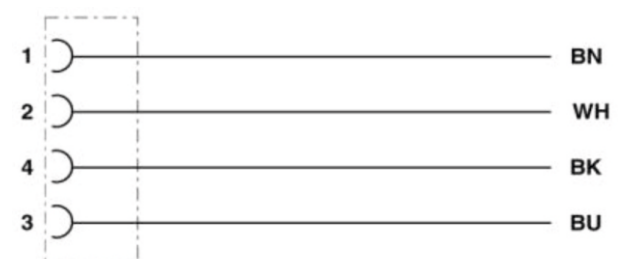


Stromversorgungs-Kabel:

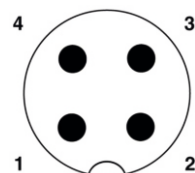
Kabel - M12-Buchse 4-polig, A-kodiert:

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

freies Leitungsende:



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

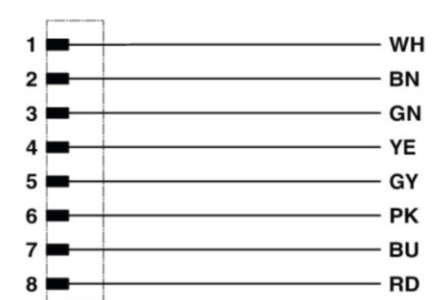


GPIO-Kabel:

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:

