

This cable is suitable for connecting the KATHREIN UHF RFID RRU 4000 and ARU 3000 reader series to a GPIO gateway.



## > General Specifications

Order No.		52010362	52010363
Type		R-CC3-10-GPIO	R-CC3-03-GPIO
Length	[m]	10	3
Connector	[mm]	1 x M12 male connector, 12-pole, A-coded	
Other diameter of the cable (shielded)	[mm]	8.5	
Assembly at the cable head		1 x M12 male connector (IP 67), 1 x flexible wire (if open, no degree of protection)	

## > Usable with the Following Readers

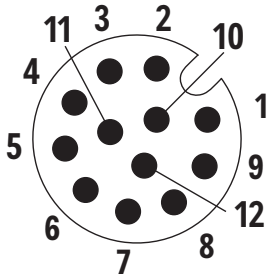
RRU 4000 Reader Series	Order No.	Type
	52010287 + 52010295	RRU 4400 Reader Unit
	52010288 + 52010296	RRU 4500 Reader Unit
	52020289 + 52010297	RRU 4560 Reader Unit
	52020290 + 52010298	RRU 4570 Reader Unit
ARU 3000 Reader Series	Order No.	Type
	52010291 + 52010299	ARU 3400 Reader Unit
	52010292 + 52010300	ARU 3500 Reader Unit
	52020292 + 52010301	ARU 3560 Reader Unit
	52020294 + 52010302	ARU 3570 Reader Unit

## > Accessories, optional

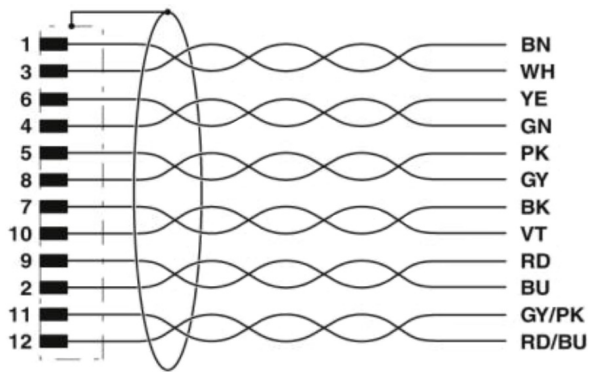
- For more information about accessories, go to <https://www.kathrein-solutions.com/products/hardware/accessories>.

**> Drawings**

Schematic Diagram - M12, 12-pin, A-coded, male



Circuit Diagram - Allocation of the M12 plug



M12 SPEEDCON plug, straight, shielded

Pin	Description	Input/Output	Colour
1	OUT_CMN	Output	bn
2	OUTPUT_1	Output	bu
3	INPUT_3	Input	wh
4	INPUT_CMN	Input	gn
5	INPUT_1	Input	pk
6	GND	Output	ye
7	VCC	Output	bk
8	OUTPUT_4	Output	gy
9	OUTPUT_3	Output	rd
10	OUTPUT_2	Output	vt
11	INPUT_2	Input	gy/pk
12	INPUT_4	Input	rd/bu