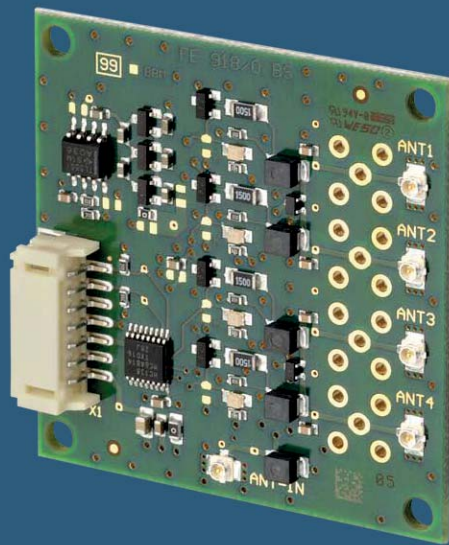


4 Channel Antenna Multiplexer ID CPR.ANT.MUX.M4 for HF Reader Module ID CPR74



SPECIAL FEATURES

- Allows the connection of up to 4 external antennas to the ID CPR74
- Communication between reader and multiplexer via 2 control inputs
- Easy control of the multiplexer outputs via CPR74
- Active antenna port indicator for each channel
- Non-wearing electronic switching of the outputs
- High switching speed (< 1 ms)



Description

The 4 Channel Multiplexer ID CPR.ANT.MUX-M4 allows connection of up to 4 external antennas to the reader module ID CPR74. Thus it is possible to realize up to 5 reading areas if the internal antenna of the ID CPR74 is also used.

The control of each active antenna is done via a simple configuration of the CPR74. Alternatively, the control can be effected via two digital inputs by an external control electronics.

At any time, only one antenna is active - this is indicated by one LED each, which is attached next to each antenna output.

The following articles (reader, antennas and accessories) can be operated with the ID CPR.ANT.MUX-M4:

Order descriptions:

ID CPR74-CUSB	HF Reader module with integrated antenna and external antenna connector
ID CPR74-4SCUSB	HF Reader module with integrated antenna and external antenna connector, with 4 SAM sockets
ID ISC.ANT.100/100	HF Antenna 100 x 100 cm
ID ISC.ANT.40/30	HF Antenna 40 x 30 cm
ID ISC.ANT.C5-A	HF Antenna cable U.FL, 50 cm
ID ISC.ANT.C02-U.FL/SMA	HF Adapter cable from U.FL to SMA, 20 cm

Note: Errors and technical alterations reserved.
The information is given in April 2017.

Technical data

		ID CPR.ANT.MUX.M4
Weight		12 g
Temperature Range	Operating	-25 °C up to +70 °C (-13 °F up to +158 °F)
	Storage	-40 °C up to +85 °C (-40 °F up to +185 °F)
Humidity		max. 95 % (not condensing)
MTBF		500 000 h
Power Supply		+5 V DC \pm 5 %
Current Consumption		< 40 mA
I/O	Digital Inputs	Low-Pegel: 0 .. 1.0 V High-Pegel: 3.8 V .. VCC Pull-Down: 10 k Ω
	LED	4 LED (yellow)
Operating Frequency		13.56 MHz
RF Power		Max. 500 mW
Reader connection		U.FL connector
Antenna connection		4 x U.FL connectors for external antennas
EMC		EN 301 489
Safety and Health		EN 62368
Waste and Hazardous Substances		WEEE - 2002/96/EC RoHS - 2011/65/EC

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