



Name	Description
Interface	1-Wire Interface
Wiring	White wire - 1-wire data, Brown wire - power supply, Green - ground.
Power Supply	6,5-30 V DC
Frequency standard	125 kHz
Type of transponder	Manchester, 64 cycles per bit
Antenna surface area	6,8 cm <sup>2</sup>
Reading range	4 cm
Reading frequency	6 times per second for identification, 2 times per second when transponder is in range of reader
Supported 1-Wire commands	0x33 (0x0F) - Read ROM, 0xF0 - Search ROM
Fastening method	M12 thread
Cable lenght	40 cm
Operating temperature	-20 °C to +55 °C
Operating humidity	Up to 70%
Supported by	FMB110, FMB120, FMB122, FMB125, FMU125, FMM125, FMC125, FMB130, FMU130, FMC130, FMM130, FMB140, FMB202, FMB204, FMB640, FMC640, FMM640

PIN NUMBER	PIN NAME	DESCRIPTION
1	1-wire Data (Data Dallas)	Outputs identification data via 1-Wire interface
2	VCC (+)	Power supply for the sensor (6,5-30 V DC)
3	GND (-)	Ground