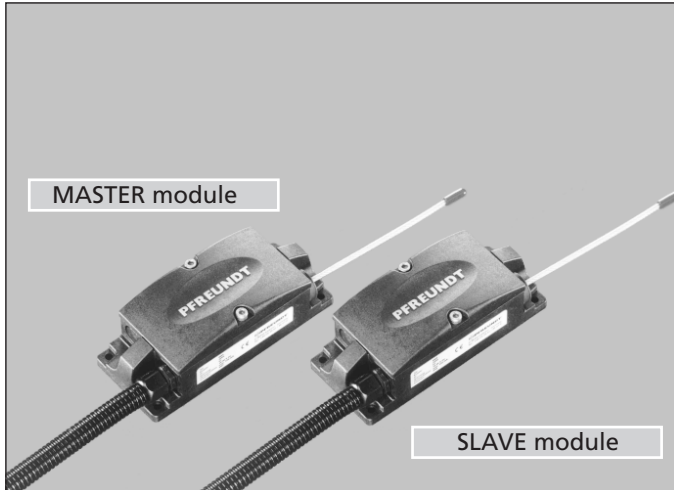


DATA SHEET



EDF

Approved data radio transmission module

Order number:

EDF

SCOPE OF DELIVERY

PCs/Specification

- | | |
|---|--|
| 1 | Radio transmitter module
Master complete for ASK |
| 1 | Radio transmitter module
Slave complete for ASK (*) |

Order no.

ASK1FUNKMASTER
ASK1FUNKSLAVE

OPTIONS

- | | |
|---|--|
| 1 | WK50 Remote control
(for excavator/crane) |
|---|--|

FERNBEDIEN

REQUIRED HARD- AND SOFTWARE

Required hardware on the vehicle

- WK50 weighing electronics

BRIEF DESCRIPTION

- The EDF approved data radio transmission module can be employed everywhere the cable connection to the weighing cell is critical:

For example in:

Skip container vehicles with telescopic arms or on cranes

- **The radio transmission always consists of:**

- One MASTER module and one or several SLAVE modules.
- The A/D converter for the processing of the weighing signals is located in the SLAVE modules.
- The MASTER module controls the SLAVE modules and can request the weighing signals from one or several of the SLAVE modules.

APPROVAL

EG-type approval no .:

pending

ORDERING INFORMATION

The utilised frequency is a free frequency used for many control functions. When many different control devices are simultaneously used, e.g. crane radio controls, the radio data transmission for the weighing scales can experience interference. In this event consult the manufacturer.

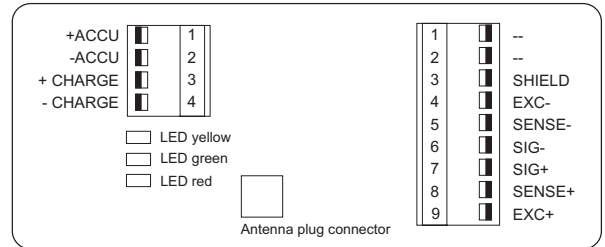
* The number can vary depending on the application.

Country-specific modifications to the scope of delivery are possible for export.

TECHNICAL DATA SLAVE MODULE

Operating voltage U_b :	5.5 - 12 V DC
Max. power consumption: (strain gauge 80 Ω):	100 mA
Measuring input STRAIN GAUGE :	
Measuring range:	± 80 mV
Input signal range:	± 20 mV
Measuring signal resolution: (dependent on the filter frequency)	< 24 Bit
Bridge supply voltage:	5 V DC
Strain gauge (full bridge):	≥ 80 Ω
Sensor connection:	6 lead circuit
Input resistance (differential):	> 10 M Ω
Smallest permitted input signal:	1 μ V/e
Division:	
Class III / class IV:	$n \leq 5000$ / $n \leq 1000$
Protection to DIN 40040	IP 67
Service temperature range:	- 10 to + 40 °C
Storage temperature range:	- 40 to + 85 °C
Dimensions (W x H x L) [mm]:	55 x 33, 52 x 132
Attachment:	Screw-mount using 4 mm screws

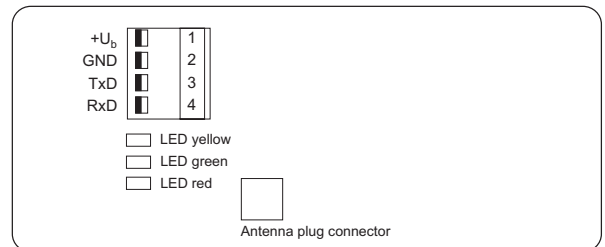
CONNECTION PLAN SLAVE MODULE



MASTER MODULE TECHNICAL DATA

Operating voltage U_b :	5.5 - 12 V DC
Max. power consumption: (load resistor 80 Ω):	100 mA
Protection to DIN 40040	IP 68
Service temperature range:	- 10 to + 40 °C
Storage temperature range:	- 40 to + 85 °C
Dimensions (B x H x L) [mm]:	55 x 33, 52 x 132
Attachment:	Screw-mount using 4 mm screws

CONNECTION PLAN MASTER MODULE



RADIO TECHNICAL DATA

Transmission frequency:	433 MHz
Transmission power:	10 mW
Range (*)	
- typical:	10 m
- max.:	100 m
BZT no.:	G750 801J

* Depending on the conditions of surroundings