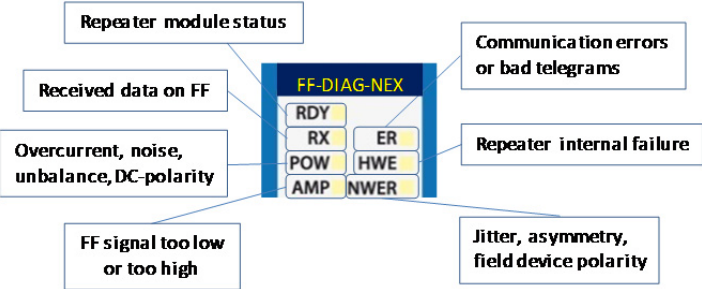


## Technical Data – FF Diagnostics Module (101-240610)

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<b>Backplane</b>	
Networks	10 FF H1 networks (set to N/C in web server)
Power supply for the module	Provided through the backplane
Current consumption	± 350 mA (555 mA max)
Compatible backplane units	101-200011, 101-200012, 101-200023, 101-200024, 101-200027
<b>FF cable specifications</b>	
Cable length Wire diameter Wire type	Max. 1900 m cable length (FF specifications) < 2.5 mm <sup>2</sup> Stranded or solid core
<b>Connector specifications</b>	
<u>2 removable FF screw terminals</u> FF-, FF+ SH I	(1-on-1) Wire colors are undefined Direct grounding Indirect grounding
<u>Removable power connector</u> -, + SH	11 .. 28 V (Max. 600 mA) Direct grounding
<b>Oscilloscope specifications</b>	
AC FF voltage DC FF voltage DC FF current:	4 MS/s, resolution 7.5 mV, range -0.95..0.95 V 1 kS/s, resolution 75 mV, range -38..+38 V 1 kS/s, resolution 1 mA, range 0..1024 mA
<b>Dipswitches</b>	
<u>NW0</u> <u>NW1</u>	Not used
<u>LNK</u>	Not used
<u>H/S</u> LEFT / RIGHT	<u>Settings</u> Hardware / Software

Technical Data – FF Diagnostics Module (101-240610)	
<b>LEDs</b>	
RDY RX HWE ER AMP POW NWER	<p>Module is ready for operation (ON)            Receiving FF telegrams (blinking)            Internal repeater error (contact PROCEN TEC)            No or bad telegrams on FF detected            FF signal too low or too high            Overcurrent, noise, unbalance, DC-polarity            Jitter, asymmetry, field device polarity</p> <p><i>Alarm values can be changed in the web server.</i></p> 
<b>Others</b>	
Head Station firmware Operating temperature Weight MTBF	At least version 1.279 0 .. 60 °C 133 g To be defined
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