

GPRS01



MAIN FIELDS OF APPLICATION

- Geotechnical engineering
- Hydrology
- Meteorology

Module
data transmission
GPRS



GPRS01

Module data transmission GPRS



Technical Features

- Power supply: 8-14 Vdc;
- Power consumption: 350 mA@12 V typ, 700 mA peak..;
- Communication Port: UART-TTL 9600 baud;
- Operating Temp.: -20 to +70°C;
- Connections: Serial Port, removable terminal block 5.08 mm;
- Antenna: SMA 50 Ohm;
- Mounting: DIN rail;
- Dimensions: 37 x 105 x 38 mm;
- Weight: 65 gr.

GPRS01

- Quad-band 850/900/1800/1900MHz;
- Protocol stack 3GPP Release 4 compliant;
- Control via AT commands according to 3GPP TS 27.005, 27.007 and Telit custom AT commands;
- Serial port multiplexer 3GPP TS 27.010;
- SIM access profile;
- SIM application toolkit 3GPP TS 51.014;
- DARP/SAIC support;
- SMS over GPRS;
- Half rate, full rate, enhanced full rate and adaptive multi rate voice codecs (HR, FR, EFR, AMR);
- DTMF;
- SIM phonebook;
- Fixed dialing number (FDN);
- IRA, GSM, 8859-1 and UCS2 character set;
- Jamming detection;
- Embedded TCP/IP stack, including TCP, IP, UDP, SMTP, ICMP and FTP protocols;
- PFM (Premium FOTA Management) Over-The-Air Update service;

- Remote AT commands;
- Event monitor;
- Telit's EASY features EASY SCAN® automatic scan over GSM frequencies (also without SIM card).

GPRS class 10 Mobile station class B
Coding scheme 1 to 4
PBCCH support
GERAN Feature Package 1 support
(NACC, Extended TBF)
CSD

Fully type approved conforming: R&TTE directive, CE, GCF, FCC, IC, PTCRB (North America), ANATEL (Brazil)

Output power - Class 4 (2W) @ 850/900 MHz - Class 1 (1W) @ 1800/1900 MHz

Sensitivity - 108 dBm (typ.) @ 850/900 MHz - 107 dBm (typ.) @ 1800/1900 MHz



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