

Sigfox metering transmitter

TX for pulse meters - ATEX certified - High Power version



RUGGED IP65 ENCLOSURE

EASY TO INSTALL

COMPATIBLE WITH SIGFOX NETWORK

REPLACEABLE BATTERY

UP TO 15 YEARS BATTERY LIFE

SPÉCIFICATIONS

| | |
|--------------------------------|-----------------------------------------------------------------------|
| Enclosure and IP rating | ABS IP 65 |
| Dimensions (l x w x h) | 118 x 79 x 43 mm |
| Mounting | Wall / Collar / Din Rail (option) |
| Radio antenna | Embedded |
| Interface | Pulse |
| Inputs | 2 pulse inputs |
| Pulse type | Max 10 Hz - 50 ms minimum pulse width |
| TX working temperature | - 20 / + 55°C |
| Power supply | Replaceable D 3.6 V Lithium battery - Low battery alert |
| Radio frequency band | 868 MHz |
| Radio protocol | SIGFOX |
| Alarm | Report by exception function (thresholds) |
| Configuration update | Time windows function / Configuration update from the Sigfox Back-End |
| Output power | 25 mW (14 dBm) |
| RF sensitivity | Up to - 126 dBm |
| Battery autonomy / Periodicity | 5 years battery life with 20mn periodicity / Configurable periodicity |
| ID | Unique 8 digits ID |
| LED | 3 LED's |
| Approval | CE / Ex ia c T3 Ga (ZONE 0) |
| Ordering code | TX PULSE ATEX SIGFOX 100-010 |
| Sigfox certification number | P_0043_CEFD_01 |

DSEN 100-010-d