

BUNDLETEL

- Pressure monitoring
- Temperature monitoring
- Shock sensor (*BundleTEL GPS only*)
- GPS geolocalization (*BundleTEL GPS only*)
- Data transmission NB-IoT with high coverage and low power consumption
- Long life battery for over 10 years with daily data transmission

Typical application:


Telemetry system for gas cylinder bundles



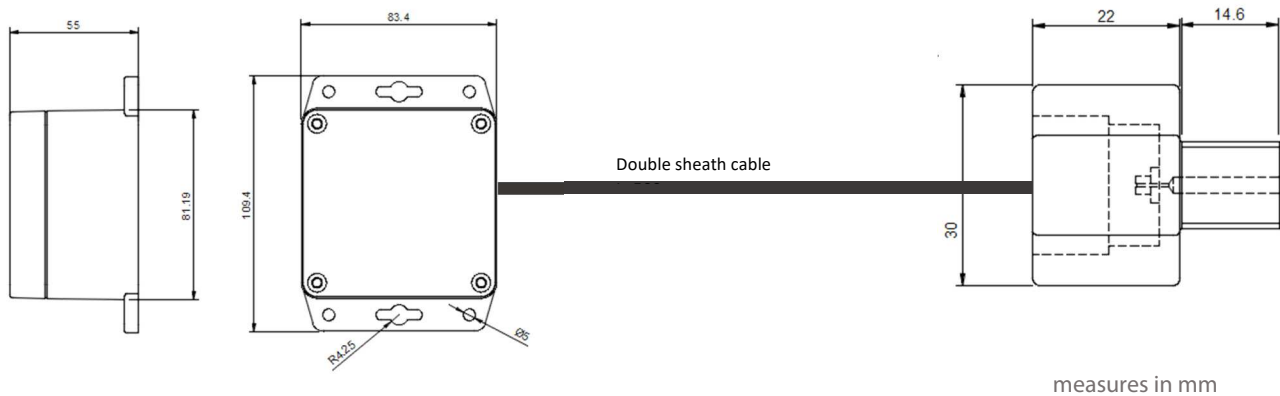
Remote monitoring unit
for gas cylinder bundles

REMOTE MONITORING

TECHNICAL SPECIFICATIONS

Power supply	4 battery packet Li-ion 3.6V, capacity 14.4Ah
Weight and dimensions	Box 260 g 110 x 84 x 55 mm Cable and sensor 145 g length 50 cm
Materials	Box: Abs protection IP67 Sensor: Brass OT58, gasket Viton (FKM) or EPDM, IP67 Cable: double shielded insulation, A.F. CEI 20/22 III , CEI 36762 C-4
Process connection	M ¼ NPT – *possibility for other connections on request
Operating range	0 – 400 bar rel.
Burst range	600 bar rel.
Combined error	< ± 2% FS
Long term drift	< ±0,1 % FS according to IEC 61298-2
Mounting position	As required
Gas compatibility	He, O ₂ , N ₂ , Ar, N ₂ O, CO ₂ and relative mixture
Operating Temperature	-20 °C...+80 °C
Reference standards and directives	RED 2014/53/E, EMC 2014/30/UE PED 2014/68/UE, RoHs 2011/65/UE  EN 61000-6-1, EN 61000-6-3, ISO 11114-2, ISO 15001

DIMENSIONS



PRODUCT CODES

CODE	DESCRIPTION
0001-22-101	BundleTEL: Telemetry system for gas cylinder bundles (sensor gasket in Viton)
0001-22-201	BundleTEL GPS: Telemetry system for gas cylinder bundles (sensor gasket in Viton)

*0001-22-10X: version with customized process connection

*0001-22-20X: version with customized process connection