



Meinberg Radio Clocks

Lange Wand 9

31812 Bad Pyrmont, Germany

Phone: +49 (5281) 9309-0

Fax: +49 (5281) 9309-30

<https://www.meinbergglobal.com>

info@meinberg.de

GPS EX-PROOF: Explosion proof active GPS L1-Antenna

Explosion proof active GPS L1-Antenna for areas where hazardous substances may occur.

Key Features

- Explosion proof according to EN 60079-0: 2012 / EN 60079-1: 2014
- Pressure resistant housing with integrated 40dB amplifier

Description

The Antenna is compliant to the ATEX-Directive 94/9/EC and certificated for Zone 1, an area in which an explosive mixture is likely to occur in normal operation. The ATEX-Directive is an EU directive describing what equipment and work environment is allowed in an area with an explosive atmosphere.

Meinberg's explosion proof antenna consists of a passive antenna and a stainless steel housing including a 40dB amplifier. The stainless steel (AISI-316) housing which is resistant to many environmental impacts, such as sea salt, makes the antenna also suitable for use on offshore platforms.

Characteristics

Type of Antenna

- * Top centered installed passive antenna, Ex II 2G Ex d IIB T5 (ATEX)
- * with integrated 40dB amplifier
- * Voltage U = 3 - 16 V DC, Current I typ.= 20mA

Conformity

- * ATEX-Directive 2014/34/EU
- * EMC-Directive 2004/108/EC
- * RoHS-Directive 2002/95/EC
- * Explosive Atmospheres EN 60079-0:2009
- * Equipment - General requirements
- * Explosive Atmospheres EN 60079-1:2007
- * Equipment protection by flameproof enclosures

Antenna Connector

Type-N connector

Form Factor

- * Explosion proof according to EN 60079-0: 2009
- * Ex d IIC (explosion proof enclosures)
- * Protection according to EN60529: IP66

* Test certificate DEKRA 12 ATEX 0209

* Pressure housing type TNCD 191918

* Lid: closed / without disc

* Dimensions:

(outside): 190 x 190 x 180 (213) mm (W x H x D)

(inside): 170 x 170 x 131 mm (W x H x D)

* Material: 316L/CF-3M

* Surface: shot peened

| | |
|-------------------------------|---|
| Protection | IP66 |
| Product Weight | 16kg |
| Supported Temperature | -40°C to +60°C |
| Warranty | Two-Year Warranty |
| RoHS Status of Product | This product is fully RoHS-compliant. |
| WEEE Status of Product | This product is handled as a B2B (Business to Business) category product. To ensure that the product is disposed of in a WEEE-compliant fashion, it can be returned to the manufacturer. Any transportation expenses for returning this product (at end-of-life) must be covered by the end user, while Meinberg will bear the costs for the waste disposal itself. |

Manual

There is no online manual available for this product.: [1][Contact us](#)

Links:

[1] <mailto:info@meinberg.de>