

# EXPLOSION-PROOF ENCLOSURES EP

The EP explosion-proof enclosure is used for all level switches, except for the 10 series, and all flow switches.

## CONSTRUCTION

- base and cover in aluminium ( $Cu \leq 0,3\%$ ) with finish in grey epoxy paint.
- special versions in cast-iron and in AISI 316
- screws in AISI 304
- ground screw in AISI 304
- silicon seals
- instrument plate in anodized aluminium or in AISI 316, riveted to the base.
- rotating enclosure version

## PROTECTION DEGREE

Electrical protection:

- ATEX II 2 G Ex d IIC T6 o T5 Gb
- ATEX II 1/2 D Ex ta/tb IIIC T85° o T100° C Da/Db

Mechanical protection:

- IP 66

## ELECTRICAL CONNECTION

- standard version: 3/4" - 1/2" NPT-F;
- version to order: 3/4" - 1/2" UNI 6125.
- version to order: ISO M20x1.5

## CERTIFICATION

- CESI certificate - 02-ATEX-126

## ACCESSORIES

- outlet with aluminium gland

## OPERATING TEMPERATURE (ENVIRONMENTS)

- from -50°C to +60°C (temperature class T6)
- from -50°C to +70°C (temperature class T5)

## ENVIRONMENTS FOR INSTALLATION

- normal
- light industry
- heavy industry (petro-chemical)
- dry tropical (desert)
- humid tropical (forests)
- sea-coast
- sea (off-shore)

