EXPLOSIONPROOF INSTRUMENT HOUSINGS
STAINLESS STEEL 316

XIHN5 SERIES

Designed to house circuit boards, meters, and instrumentation, the new look, Adalet stainless steel 316 housing provides rugged protection for measurement and detection applications in highly corrosive, hazardous areas. The XIHNS series stainless steel instrument enclosures are ideal for housing and protecting OEM measurement and sensing devices in harsh or hazardous environments.

FEATURES

- Modern contour design provides updated look for OEM instrument products
- Investment casting provides superior finish
- Removable internal mounting panel for convenient field drilling & tapping of mounting holes
- Up to six conduit entries – most on the market / Two ¾” NPT conduit entries are standard
- Two cast-on mounting tabs, centered, with an optional 3rd tab for heavy vibration applications
- Generous front boss allows for optional bracket holes or larger conduit entry (up to 1” NPT)
- Bored throat opening provides superior concentricity – 4-1/16” diameter
- Two solid and two glass covers are available to accommodate various depth instruments
- Glass covers feature 3-5/16” viewing window diameter
- Glass covers feature low profile / tab free retaining ring for maximum instrument clearance
- Internal / external grounding hardware
- Global certifications: UL, cUL, ATEX, and IECEx
APPLIcATIONS

- Gas sensors / detectors
- Flow sensors
- Level detectors
- Analyzers
- Gauges
- Junction boxes / terminal enclosures

DESIGN OPTIONS

- 1/4”-20 UNC holes in front boss for bracket mounting
- Front boss modifications: 1/2”, 3/4” or 1” NPT and various NPSM & metric entries
- 1/2” NPT reducers available (add suffix “2” to catalog number)
- Custom drilling & tapping in mounting pan
- Backwall NPT entry in lieu of mounting pan

CERTIFICATIONS

NORTH AMERICAN CERTIFICATIONS (STANDARD)
CLASS I, DIV 1 GROUP BCD
CLASS II GROUP EFG
CLASS III
CLASS I ZONE 1 AEx d IIC
Ex d IIC (Canada)
TYPE 4X

GLOBAL CERTIFICATIONS (OPTIONAL)

ATEX:
DEMKO 07 ATEX 0622294U
0539 II 2 G Ex d IIC Gb
0539 II 2 D Ex tb IIIC Db IP66

IECEx:
IECEx UL 08.0005U
Ex d IIC Gb
Ex tb IIIC Db IP66

Standard Ambient Temp. Range: -34C<Ta<100C
Optional Ambient Temp. Range: -50C<Ta<100C (consult factory)