

# 4-1/16" ID Enclosures

Designed to house circuit boards, meters, and instrumentation, Adalet die-cast aluminum housings provide rugged protection for measurement and detection applications in corrosive, hazardous areas. The XIHN series die-cast aluminum instrument enclosures are ideal for housing and protecting OEM measurement and sensing devices in harsh or hazardous environments.



## STANDARD FEATURES

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

## 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 and 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

Classified	ATEX (Optional)
Class I, Div 1 Groups B,C,D	DEMKO 07 ATEX 0622294U (Optional)
Class II, Div 1 Groups E,F,G	0539 II 2 G Ex d IIC Gb (Optional)
Class III	0539 II 2 D Ex tb IIIC Db IP66 (Optional)
NEMA Type 4X	IECEX (Optional)
Class I Zone 1 AEx d IIC	IECEX UL 08.0005U (Optional)
Ex d IIC (Canada)	Ex d IIC Gb (Optional)
	Ex tb IIIC Db IP66 (Optional)

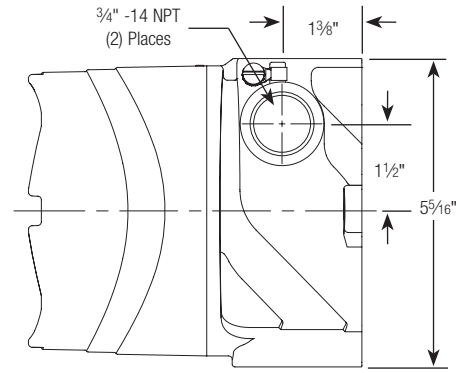
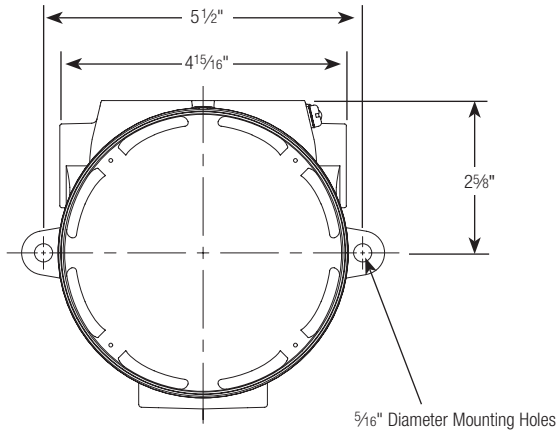
Standard Ambient Temp. Range: -34°C<Ta<+100°C

Optional Ambient Temp. Range: -50°C<Ta<+100°C

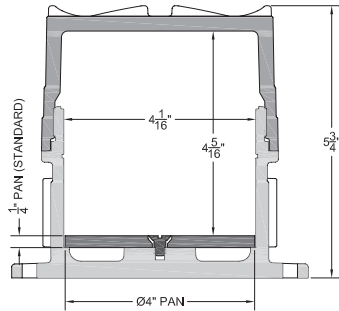


**NOTE** An extended temperature range applies to ATEX and IECEx ratings only (-50°C to +85°C ambient).

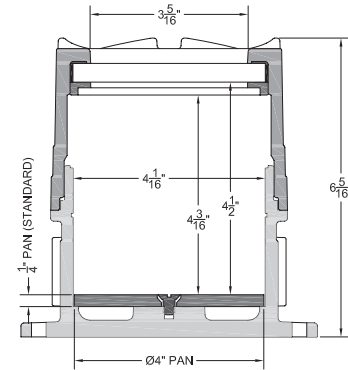
# XIHN SERIES



## Solid Cover Arrangements



## Glass Cover Arrangements

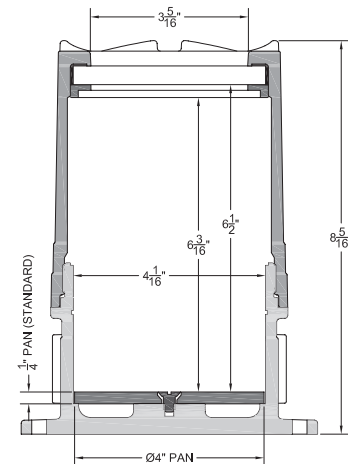
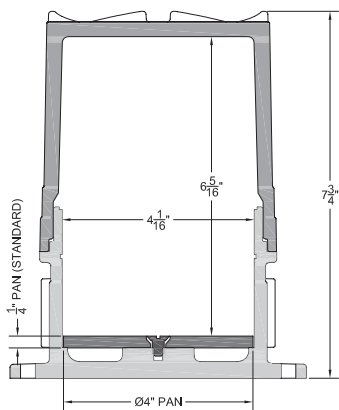


### SOLID COVER

Catalog Number	Description
XIHNFCX	Flat Cover 3/4" NPT Hubs

### GLASS COVER

Catalog Number	Description
XIHNFGCX	Flat Glass Cover 3/4" NPT Hubs



### SOLID COVER

Catalog Number	Description
XIHNDGX	Dome Cover 3/4" NPT Hubs

### GLASS COVER

Catalog Number	Description
XIHNDGCX	Dome Glass Cover 3/4" NPT Hubs