EXPLOSIONPROOF INSTRUMENT HOUSINGS

XIHL (Large) SERIES

4” ID Enclosures

XIHL housings accommodate large diameter assemblies, multi-level circuit boards or wide angle readouts and displays. The 4” ID provides maximum clearance to facilitate instrument mounting, calibration or service. Precision machined from sand-cast copper-free aluminum.

STANDARD FEATURES

- 3/4” NPT conduit feed-through hubs offset for maximum clearance and capacity
- 1/2” thick base for blind tapped instrument mounting holes in any location
- Glass cover models have a large 3-5/16” diameter, tempered glass window for local read out
- Buna-Nitrile rubber gasket for NEMA Type 4X watertight applications
- Corrosion resistant, “safety blue” polyester powder coating (other colors available)
- Internal and external ground screws and tamper resistant cover set screw for extra safety
- Stainless steel hardware

DESIGN OPTIONS

- Four 1/4–20 UNC holes in front boss for bracket mounting
- Front Boss and Backwall Modifications: 1/2” to 1” NPT, 1/2” to 3/4” NPSM or 20 mm for sensor, probe or conduit entry. Consult factory for other sizes.
- 1/2” NPT reducers are available – add suffix “2” to catalog-number
- High ambient silicone gasket (+70°C)

Certifications

Class I, Groups B,C,D
Class II, Groups E,F,G
Class III
Class I, Zone 1, AEx d IIC
Ex d IIC
0539 © II 2GD (Optional)
Type 4X
IP 66
4X, 7BCD, 9EFG

UL 1203
UL 60079-0/UL 60079-1
UL 50

FM 3615
CSA 60079-0/CSA 60079-1
IEC 60529

CSA C22.2 No. 30
ATEX Directive 94/9/EC

UL 60079-0/UL 60079-1
IEC 60529

ATEX Directive 94/9/EC
NEMA Compliance

The ADALET Engineering Department is Available to Assist you in the Selection of Enclosures and Accessories.
## Solid Cover Arrangements

### SOLID COVER

<table>
<thead>
<tr>
<th>Catalog Number</th>
<th>Description</th>
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<tbody>
<tr>
<td>XIHLFCX</td>
<td>Flat Cover, 3/4” NPT Hubs</td>
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## Glass Cover Arrangements

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*Extended dome height cover available, add 15/16” to dimensions*

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<td>XIHLECX</td>
<td>Extended dome cover</td>
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**XIHL (Large) SERIES**

- Diameter Mounting Lugs: 5/16" Diameter Mounting Lugs
- Diameter: X" Y<sub>1</sub>⁄<sub>8</sub> Z" Diameter
- Height: 4" 5<sub>1</sub>⁄<sub>16</sub>" Diameter Mounting Lugs