# XDH (Standard) SERIES

3-³⁄₁₆" ID Enclosure
Double Ended Housing

STANDARD FEATURES

- 3/4" NPT conduit feed-through hubs, offset into power side for maximum clearance and capacity
- Front boss with 3/4" NPT opening into instrument side for conduit, sensor or probe (see design options for other sizes)
- Internal and external ground screws and tamper resistant cover set screw for extra safety
- Choice of solid covers or 2-5/8" diameter tempered glass window for local read out and display
- Buna-Nitrile rubber gasket for NEMA Type 4X watertight applications
- Corrosion resistant, "safety blue" polyester powder coating (other colors available)
- Stainless steel hardware
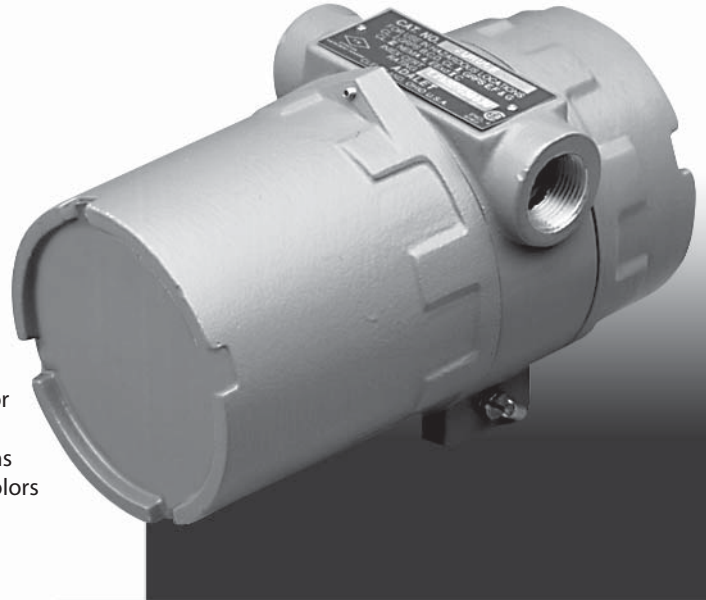
DESIGN OPTIONS

- ¼"-20 UNC holes in front boss for bracket mounting
- Front boss modifications: 1/2" NPT & various NPSM & metric entries available in place of standard 3/4" NPT (consult factory)
- 2 to 4-point, power side terminal strip with sealed pass-through to instrument (add suffic "2T" or "4T" to catalog number)
- Powder or epoxy coatings to match company color scheme
- Cast-on logos
- Custom drilling & tapping modifications
- Interior bulkhead penetration
- Power side (shallow side) cover options:

Flat Solid	—	Standard
Dome Glass	—	Add Suffix "A"
Flat Glass	—	Add Suffix "B"
Dome Solid	—	Add Suffix "C"

XDH - DOMESTIC RATINGS:

DIVISION RATINGS:
CLASSIFIED
CLASS I, DIV 1 GROUP BCD   UL1203; CSA C22.2 No. 30 & CSA C22.2 No. 25
CLASS II, DIV 1 GROUPS EFG
CLASS III
TYPE 4X

XDHX - GLOBAL RATINGS (OPTIONAL):

ZONE RATINGS:
ATEX (FLAMEPROOF – DEMKO)
II 2G ⟨Ex⟩ IIB+H₂   EN60079-0, EN60079-1
II 2 D ⟨Ex⟩ Ex tD A20   EN61241-0, EN61241-1
IP66   EN60529
IECEx (FLAMEPROOF – UL)
Ex d IIB+H₂   IEC60079-0 & IEC60079-1
IP66   IEC60529

NOTE: AN EXTENDED TEMPERATURE RANGE APPLIES TO ATEX AND IECEx RATINGS ONLY (-50° C TO +85° C AMBIENT)

The **ADALET** Engineering Department is Available to Assist you in the Selection of Enclosures and Accessories.

4 ½"

13/16"

2 ¼"

3/4 - 14 NPT
(2) PLACES

4 11/16"
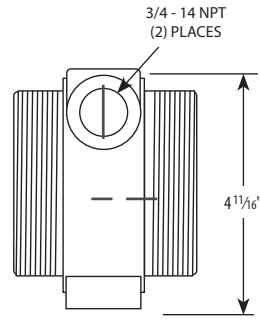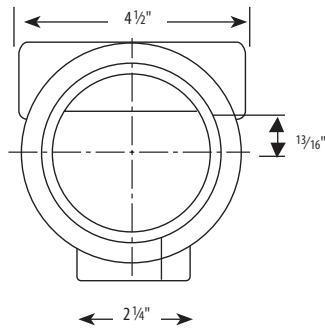
Solid Cover Arrangements

3 ½"

3 3/16"

3/4"

2 11/16"

1 5/16"

1 7/8"
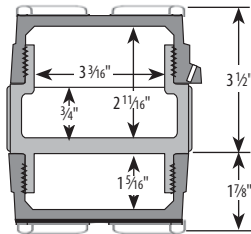
SOLID COVER

Catalog Number	Description
XDHFCX	Flat Cover, 3/4" NPT Hubs

5 7/8"

3 3/16"

3/4"

5 1/8"

1 5/16"

1 7/8"
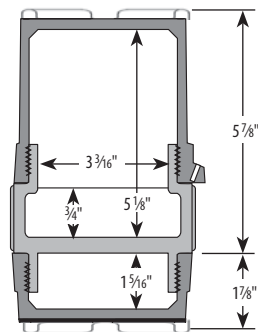
SOLID COVER

Catalog Number	Description
XDHDCX	Dome Cover, 3/4" NPT Hubs

Glass Cover Arrangements

2 5/8"

3 7/8"

3 3/16"

3/4"

2 5/16"

1 5/16"

1 7/8"
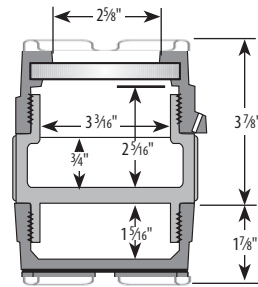
GLASS COVER

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

2 5/8"

6 1/16"

3 3/16"

3/4"

4 9/16"

1 5/16"

1 7/8"
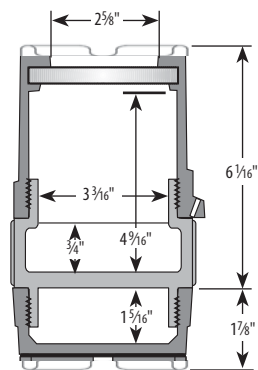
GLASS COVER

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

EXPLOSIONPROOF
Instrument Housings