

XDHM (Medium) SERIES

3-5/8" ID Enclosures

Double-Ended Housing

XDHM housings are designed to isolate incoming power connections from instrumentation. The 3-5/8" ID provides maximum clearance to facilitate instrument mounting, calibration or service, with back-to-back chambers separated by a solid, 1/2" thick wall. Precision machined from sand-cast, copper-free aluminum.



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 screws for extra safety
- A choice of solid covers or 2-5/8" diameter tempered glass window for local read out and display
- 60° chamfer on window opening provides enhanced viewing angle
- 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

- 2- to 8-point, power side terminal strip with sealed pass-through to instrument (add suffix "2T", "4T", "6T" or "8T" to catalog number)
- Internal wall can be modified (Drilled & Tapped) to suit design needs, or be completely removed and still maintain approvals. Please consult factory.
- Power side (shallow side) cover options:

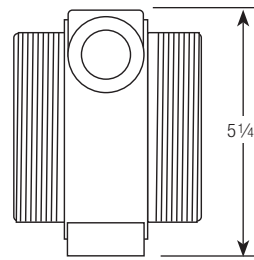
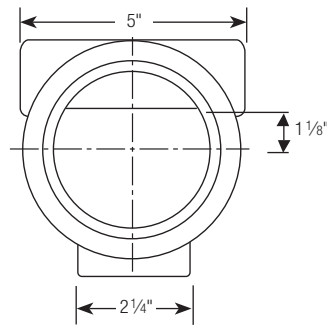
Flat Solid	—	Standard
Dome Glass	—	Add Suffix "A"
Flat Glass	—	Add Suffix "B"
Dome Solid	—	Add Suffix "C"
Midsized Solid	—	Add Suffix "D"
- Front Boss Modifications: 1/2", 3/4" or 1" NPT; 1/2", 3/4" or 1" NPSM; or 20mm or 25mm opening modify for sensor, probe or conduit entry
- 1/2" NPT reducers are available – add suffix "2" to catalog-number
- 1/4–20 UNC holes in front boss for bracket mounting. (Consult factory for other sizes.)
- High ambient silicone gasket (+70°C)

Certifications

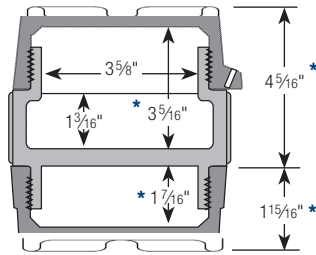
Class I, Groups B,C,D	}	UL 1203
Class II, Groups E,F,G		FM 3615
Class III		CSA C22.2 No. 30
Class I, Zone 1, AEx d IIC	}	UL 60079-0/UL 60079-1
Ex d IIC		CSA 60079-0/CSA 60079-1
0539 Ⓜ II 2GD (Optional)		ATEX Directive 94/9/EC
Type 4X		UL 50
IP 66		IEC 60529
4X, 7BCD, 9EFG		NEMA Compliance



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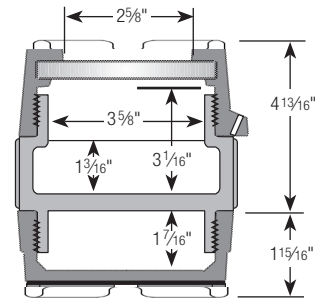
Solid Cover Arrangements



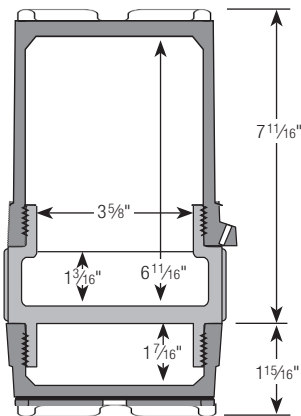
* Midsize solid cover available – add 11/16" to above dimensions.

SOLID COVER	
Catalog Number	Description
XDHMFCX	Flat Cover, 3/4" NPT Hubs
XDHMMCX	Mid Size Cover, 3/4" NPT Hubs

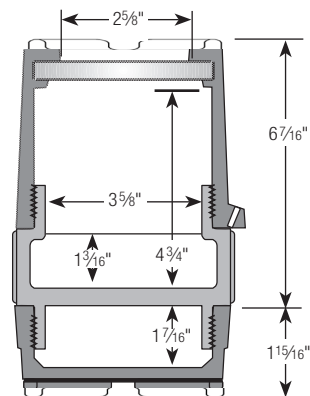
Glass Cover Arrangements



GLASS COVER	
Catalog Number	Description
XDHMFGCX	Flat Glass Cover, 3/4" NPT Hubs



SOLID COVER	
Catalog Number	Description
XDHMDCX	Dome Cover, 3/4" NPT Hubs



GLASS COVER	
Catalog Number	Description
XDHMDCGX	Dome Glass Cover, 3/4" NPT Hubs