

FM8™ Conduit Outlet Bodies, Covers and Gaskets

For use with Rigid Steel, Rigid Aluminum and IMC Conduit.

NEC/CEC — Suitable for use in the following

Hazardous Locations:

Class I, Division 2 per NEC 501.10(B)(4)

Wet Locations, NEMA 3R with cover and gasket

Applications

- Serve as pulling fittings.
- Make bends in conduit system.
- Provide openings for splicing.
- Connect and change direction of conduit runs.
- Allow connections for branch runs.
- Permit access to conductors for maintenance.

Features

- Smooth, rounded integral bushings in hubs protect conductor insulation.
- Accurately tapped, tapered threads for tight, rigid joints and excellent ground continuity.
- Completely interchangeable with Crouse-Hinds † Form 8™ † bodies, gaskets and covers. Equivalent FM8™ and Form 8™ units have identical applications and installation dimensions.
- Flat back design provides greater cubic content for easier wire pulling, and more room for splicing. Fits flush and snug against flat surfaces for more stable installation.
- Covers with gaskets are suitable for use in wet locations.
- Smooth hub bushings and cover openings protect conductor insulation. Smooth hub openings allow easy conduit joining.

Standard Materials

- Bodies: grayloy-iron
- Covers: cast grayloy-iron or stamped steel
- Cover screws: stainless steel
- Gaskets: neoprene

Standard Finishes

- Grayloy-iron bodies and covers: triplecoat — (1) zinc electroplate, (2) chromate, and (3) epoxy powder coat
- Steel covers: zinc electroplate

Options

- PVC coating available on all bodies and select covers. Add suffix **-PVC** to catalog number.

NEC/CEC Certifications and Compliances

- UL Standard: 514A, 514B
- UL Listed: E2527
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 065183
- NEMA Standard: FB-1

Related Products

- For explosionproof conduit outlet bodies and boxes, see *Enclosures and Junction Boxes*.



Type LB



Grayloy™—Iron Conduit Body with cast cover. 1" Type C shown

† Crouse-Hinds and Form 8 are registered trademarks of Cooper Crouse-Hinds.

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Appleton™ FM8™ Conduit Bodies ①

| Hub Size (Inches) | Max. Wire Fill | C | Max. Wire Fill | LB |
|-------------------|----------------|---|----------------|---|
| | |  | |  |
| 1/2 | ② | C18 | ② | LB18 |
| 3/4 | (3) # 6 | C28 | (3) # 6 | LB28 |
| 1 | (3) # 4 | C38 | (3) # 4 | LB38 |
| 1-1/4 | (3) # 2 | C448 | (3) # 2 | LB448 |
| 1-1/2 | (3) # 1/0 | C58 | (3) # 1/0 | LB58 |
| 2 | (3) # 4/0 | C68 | (3) # 4/0 | LB68 |
| 2-1/2 | (3) 300 | C78 | (3) 300 | LB78 |
| 3 | (3) 350 | C88 | (3) 350 | LB888 |
| 3-1/2 | — | — | — | LB98 |
| 4 | — | — | — | LB108 |

| Hub Size (Inches) | Max. Wire Fill | T | Max. Wire Fill | TB |
|-------------------|---------------------------|---|---------------------------|---|
| | |  | |  |
| 1/2 | ② | T18 | ② | TB18 |
| 3/4 | (3) # 6 | T28 | (3) # 6 | TB28 |
| 1 | (3) # 4 | T38 | (3) # 4 | TB38 |
| 1-1/4 | (3) # 2 | T448 | (3) # 2 | TB448 |
| 1-1/2 | (3) # 1/0; side (3) # 1 | T58 | (3) # 1/0; back (3) # 1 | TB58 |
| 2 | (3) # 4/0; side (3) # 3/0 | T68 | (3) # 4/0; back (3) # 3/0 | TB68 |
| 2-1/2 | (3) 250 | T78 | — | — |
| 3 | (3) 250 | T88 | — | — |

① PVC coating available on all FM8™ bodies. Add suffix **-PVC** to catalog number.

② All 1/2" Max Wire Fill Calculations per the NEC - Annex C - Table C8.