

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

- No paint and coatings available on select bodies and covers. Add suffix **-NP** 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.