

Bulkhead Conduit Fittings

- Combined Conduit and Cable Gland Fittings 2-in-1
- Clamping around entire circumference, ensuring maximum pull-out resistance
- No loose parts - Fitting does not have to be dismantled for assembly
- High degree of protection
- Bulkhead Fittings are manufactured from high-grade Nylon (Polyamide). Flange seal is Buna-N
- Split system: large cut-out size allows for quick & easy insertion of pre-assembled cables into a housing
- Protection rating: IP 54 / IP 65.
- V0 Rated

Bulkhead Fitting: Plastic - with Thread

Part Numbers -40°F to 230°F (-40°C to 110°C)	Thread Type & Size	Flange Type	Dimensions in Inches (mm)				
			L Length	W Width	H Height	G Distance	E Hole Diameter
 							
PG 11 - 21 Flange 1	PG11	1	1.93 (49)	1.85 (47)	1.38 (35)	1.46 (37)	.17 (4.3)
FL-11-BK	PG11	1	1.93 (49)	1.85 (47)	1.38 (35)	1.46 (37)	.17 (4.3)
FL-16-BK	PG16	1	1.93 (49)	1.85 (47)	1.38 (35)	1.46 (37)	.17 (4.3)
FL-21-BK	PG21	1	2.72 (69)	2.56 (65)	1.73 (44)	2.03 (51.6)	.24 (6.0)
FL-29-BK	PG29	2	3.54 (90)	3.07 (78)	2.17 (55)	2.54 (64.5)	.26 (6.5)
FL-36-BK	PG36	2	3.90 (99)	3.70 (94)	2.60 (66)	3.11 (79.5)	.26 (6.5)
FL-48-BK	PG48	2	4.57 (116)	3.98 (101)	2.99 (76)	3.44 (87.5)	.26 (6.5)

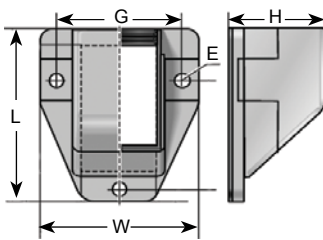
IP 65 Protection Rating



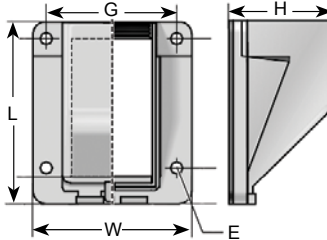
Advantages (Threaded):

- Split system enables pre-assembled cable harnesses to be inserted by means of removable upper part
- Easy assembly
 - High stability
 - Supplied with gasket for flange connection.
 - Internal thread for Metric and PG Fittings

Flange Type 1: PG 11 - PG 21



Flange Type 2: PG 29 - PG 48



Bulkhead Fitting: Plastic - without Thread

Part Numbers -40°F to 230°F (-40°C to 110°C)	Fits Nominal Conduit Size	Flange Type	Dimensions in Inches (mm)				
			L Length	W Width	H Height	G Distance	E Hole Diameter
 							
DN 12 - DN 23 Flange 1	12	1	1.93 (49)	1.85 (47)	1.38 (35)	1.46 (37)	.17 (4.3)
FT-11-BK	12	1	1.93 (49)	1.85 (47)	1.38 (35)	1.46 (37)	.17 (4.3)
FT-16-BK	17	1	1.93 (49)	1.85 (47)	1.38 (35)	1.46 (37)	.17 (4.3)
FT-21-BK	23	1	2.72 (69)	2.56 (65)	1.73 (44)	2.03 (51.5)	.24 (6.0)
FT-29-BK	29	2	3.54 (90)	3.07 (78)	2.17 (55)	2.54 (64.5)	.26 (6.5)
FT-36-BK	37	2	3.90 (99)	3.70 (94)	2.60 (66)	3.13 (79.5)	.26 (6.5)
FT-48-BK	50	2	4.57 (116)	3.98 (101)	2.99 (76)	3.44 (87.5)	.26 (6.5)

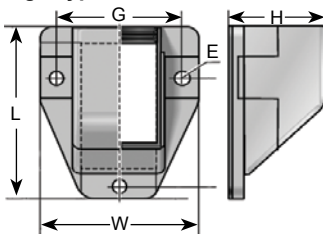
IP 54 Protection Rating



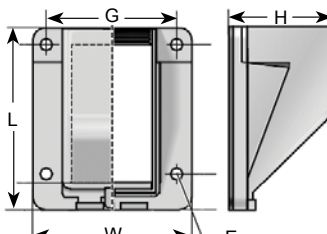
Advantages (Without Thread):

- Split system enables pre-assembled cable harnesses to be inserted by means of removable upper part
- Easy assembly
 - High stability
 - Supplied with gasket for flange connection.
 - Conduit remains rotatable

Flange Type 1: Conduit Size 12 - 23



Flange Type 2: Conduit Size 29 - 48



(Technical Drawings for Bulkhead Fittings with and without Threads)



*The design of the Bulkhead Fittings changes depending on size. Up to M25/PG 21 the Fitting has 3 screw holes, from size M32 / PG 29 the Fitting has 4 screw holes (see technical drawings).