



Typ KFW



Product information

The KFW bulkhead fittings are made of specially modified polyamide 6. The material is self-extinguishing, and halogen, phosphor and cadmium-free. Bulkhead fittings are available with a metric or Pg thread. The KFW bulkhead fittings with thread are used with both cable and conduit fittings.

The KFW bulkhead fittings feature the following advantages:

- System divided in two for very quick and easy installation of cables
- Subsequent installation of cables is simplified by removable upper part
- Gasket included in delivery

Information, conformities and approvals





Article	Order No.	Color	UV	Internal thread	A mm	B mm	C mm	D mm	E mm	G mm	l mm	J mm	K mm	Ø mm	PU pcs.
KFW M16x1	,5 83562450	Black	~	M16x1,5	49	47	35	29	37	22.5	27	11	4.5	4.3	10
KFW M20x1	1,5 83562452	Black	√	M20x1,5	49	47	35	29	37	22.5	27	11	4.5	4.3	10
(FW M25x1	1,5 83562454	Black	√	M25x1,5	69	65	44	41.5	51.5	30	42.5	15	6	6	10
KFW M32x1	1,5 83562456	Black	~	M32x1,5	90	78	55	64.5	64.5	40	68	9	16	6.5	10
KFW M40x	1,583562458	Black	√	M40x1,5	99	94	66	79.5	79.5	48.5	74.5	9.5	10	6.5	10
KFW M50x1	1,5 83562460	Black	√	M50x1,5	116	101	76	87.5	87.5	68.5	89.5	9.5	16	6.5	10
KFW M16x1	,5 83562410	Gray	×	M16x1,5	49	47	35	29	37	22.5	27	11	4.5	4.3	10
KFW M20x1	1,5 83562412	Gray	×	M20x1,5	49	47	35	29	37	22.5	27	11	4.5	4.3	10
(FW M25x1	1,5 83562414	Gray	×	M25x1,5	69	65	44	41.5	51.5	30	42.5	15	6	6	10
(FW M32x1	1,5 83562416	Gray	×	M32x1,5	90	78	55	64.5	64.5	40	68	9	16	6.5	10
(FW M40x	1,583562418	Gray	×	M40x1,5	99	94	66	79.5	79.5	48.5	74.5	9.5	10	6.5	10
(FW M50x1	1,5 83562420	Gray	×	M50x1,5	116	101	76	87.5	87.5	68.5	89.5	9.5	16	6.5	10
KFW 11	83561650	Black	~	PG 11	49	47	35	29	37	22.5	27	11	4.5	4.3	10





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Article	Order No.	Color	UV	Internal thread	A mm	B mm	C mm	D mm	E mm	G mm	l mm	J mm	K mm	Ø mm	PU pcs.
KFW 16	83561652	Black	~	PG 16	49	47	35	29	37	22.5	27	11	4.5	4.3	10
KFW 21	83561654	Black	✓	PG 21	69	65	44	41.5	51.5	30	42.5	15	6	6	10
KFW 29	83561656	Black	√	PG 29	90	78	55	64.5	64.5	40	68	9	16	6.5	10
KFW 36	83561658	Black	√	PG 36	99	94	66	79.5	79.5	48.5	74.5	9.5	10	6.5	10
KFW 48	83561660	Black	✓	PG 48	116	101	76	87.5	87.5	68.5	89.5	9.5	16	6.5	10
KFW 11	83561610	Gray	×	PG 11	49	47	35	29	37	22.5	27	11	4.5	4.3	10
KFW 16	83561612	Gray	×	PG 16	49	47	35	29	37	22.5	27	11	4.5	4.3	10
KFW 21	83561614	Gray	×	PG 21	69	65	44	41.5	51.5	30	42.5	15	6	6	10
KFW 29	83561616	Gray	х	PG 29	90	78	55	64.5	64.5	40	68	9	16	6.5	10
KFW 36	83561618	Gray	×	PG 36	99	94	66	79.5	79.5	48.5	74.5	9.5	10	6.5	10
KFW 48	83561620	Gray	×	PG 48	116	101	76	87.5	87.5	68.5	89.5	9.5	16	6.5	10

Material properties

 Fitting: mod. polyamide PA 6 Moulded seal: Neoprene (CR) mod. polyamide PA 6 Neoprene (CR)

Thermal properties



Temperature / temperature range -40 $^{\circ}\text{C}$ – 110 $^{\circ}\text{C}$ / short term: 140 $^{\circ}\text{C}$

Protection class



Protection classIP65

Fire properties



8

Fire classificationacc. to UL94: V0 self-extinguishing

Fire properties as per EN 455

Fire properties as per EN 45545-2C.I.T. R22 / R23 HL3 :0,58 NF X 70-100-1/-2 600°C

(1112 °F) LOI R22 / R23 HL3 :≥ 32 % ISO 4589-2 Ds (max.) R22 / R23 HL3 :57 ISO 5659-2 (25 KW/m²)





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Fire properties



Fire properties as per NFPAASTM E 162 ASTM E 1354 ASTM E 662 Boeing BSS 7239 Boeing BSS 7242 Bombardier SMP 800-C

Chemical resistances



Resistant to:Alcohol Greases Fuels Mineral oils

Technical information



Halogen-free

Conformity



RoHS (EC Directive 2011/65/EU)

Approvals and operating permits



EU railway approval



cURus approval



Classification



ETIM 9: EC001176 ECLASS 14: 27430312 UNSPSC 26.0801: 40183103

General information



Made in Germany

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