



Type KSV (conduit and cable fitting)

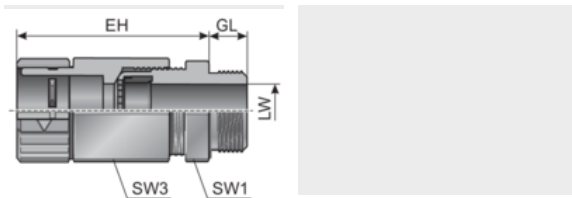


Product information

The KSV combined conduit and cable fittings are made of specially modified polyamide 6. The materials are halogen, phosphor and cadmium-free. The KSV combined conduit and cable fittings feature the following advantages:

- Optimum strain relief for the cable
- Cost reduction through simplification of assembly of conduit, insert conduit and done
- No parts can get lost, as the fitting does not have to be dismantled for assembly
- Tightness of IP 54 for static and dynamic application, IP 65 with additional mounting of an O-ring

Information, conformities and approvals



Article	Order No.	Color	UV	Connecting thread	Suitable for Murrflex	Clamping range (LW) mm	SW 1 / 3 mm	PU pcs.
KSV M16x1,5/9	83611450	Black	✓	M16x1,5	M12/P09	4 - 8	19	50
KSV M16x1,5/11	83611452	Black	✓	M16x1,5	M16/P11	5 - 10	22	50
KSV M20x1,5/16	83611456	Black	✓	M20x1,5	M20/P16(S)	10 - 14	24 / 27	50
KSV M25x1,5/21	83611458	Black	✓	M25x1,5	M25/P21(S)	13 - 18	33	50
KSV M32x1,5/29	83611460	Black	✓	M32x1,5	M32/P29(S)	18 - 25	42	25
KSV M16x1,5/9	83611410	Gray	✗	M16x1,5	M12/P09	4 - 8	19	50
KSV M16x1,5/11	83611412	Gray	✗	M16x1,5	M16/P11	5 - 10	22	50
KSV M20x1,5/16	83611416	Gray	✗	M20x1,5	M20/P16(S)	10 - 14	24 / 27	50
KSV M25x1,5/21	83611418	Gray	✗	M25x1,5	M25/P21(S)	13 - 18	33	50
KSV M32x1,5/29	83611420	Gray	✗	M32x1,5	M32/P29(S)	18 - 25	42	25
KSV PG09	83611250	Black	✓	PG 09	M12/P09	4 - 8	19	50
KSV PG11	83611252	Black	✓	PG 11	M16/P11	5 - 10	22	50
KSV PG13/11	83611253	Black	✓	PG 13	M16/P11	6 - 12	24 / 22	50



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Article	Order No.	Color	UV	Connecting thread	Suitable for Murrflex	Clamping range (LW) mm	SW 1 / 3 mm	PU pcs.
KSV PG13,5/16 1)	83611254	Black	✓	PG 13,5	M20/P16(S)	6 - 12	24 / 27	50
KSV PG16	83611256	Black	✓	PG 16	M20/P16(S)	10 - 14	27	50
KSV PG16/21	83611257	Black	✓	PG 16	M25/P21	13 - 18	33	50
KSV PG21	83611258	Black	✓	PG 21	M25/P21(S)	13 - 18	33	50
KSV PG29	83611260	Black	✓	PG 29	M32/P29(S)	18 - 25	42	25
KSV PG09	83611210	Gray	✗	PG 09	M12/P09	4 - 8	19	50
KSV PG11	83611212	Gray	✗	PG 11	M16/P11	5 - 10	22	50
KSV PG13/11	83611213	Gray	✗	PG 13	M16/P11	6 - 12	24 / 22	50
KSV PG13,5/16 1) 1**)	83611214	Gray	✗	PG 13,5	M20/P16(S)	6 - 12	24 / 27	50
KSV PG16	83611216	Gray	✗	PG 16	M20/P16(S)	10 - 14	27	50
KSV PG16/21 2)	83611217	Gray	✗	PG 16	M25/P21	13 - 18	33	50
KSV PG21 2)	83611218	Gray	✗	PG 21	M25/P21(S)	13 - 18	33	50
KSV PG29 2)	83611220	Gray	✗	PG 29	M32/P29(S)	18 - 25	42	25
KSV 1/2"/16 1) 1**)	83613256	Black	✓	1/2"	M20/P16	10 - 14	27	50

1) Discontinued product!

2) No stock goods, delivery time and minimum order quantities upon request

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Material properties



Fitting: mod. polyamide PA 6
Moulded seal: NBR mod. polyamide PA 6
NBR

Thermal properties



Temperature / temperature range
-40 °C - 110 °C / short term: 140 °C



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Protection class



Protection class

IP54
IP65 with sealing ring DR-NBR
Up to 6 bar (30 min) – To ensure system tightness in accordance with IP65, additional sealing of the terminal thread with a commercially available thread sealant is recommended.

Fire properties



Fire classification

acc. to UL94: V0 self-extinguishing



Fire properties as per EN 45545-2

C.I.T. R22 / R23 HL3 :0,58 NF X70-100-1/-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)

Chemical resistances



Resistant to:

Alcohol
Greases
Fuels
Mineral oils

Technical information



Halogen-free

Conformity



RoHS (EC Directive 2011/65/EU)



ECE 324 R 118

Approvals and operating permits



EU railway approval



cURus approval



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Classification

ETIM 9: EC001176
ECLASS 14: 27430312

General information



Made in Germany
