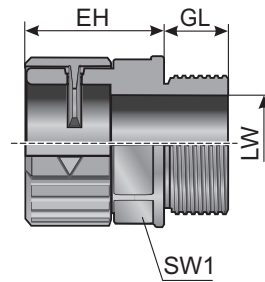


Type MSV (plug-in fitting)



PRODUCT INFORMATION

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

- No parts can get lost, delivered completely assembled
- Cost reduction through simple assembly work, insert conduit and done

- Simple opening mechanism
- Tightness of IP 54 for static and dynamic application, IP 65 with additional mounting of an O-ring

Specification:

- EN 45545-2 3x HL3
- NFPA 130: ASTM E 162, ASTM E 662
- ECE 324 R 118 Annex 6+8

SPECIFICATIONS

	Fitting: Mod. polyamide PA 6
	-40 – 110 °F Short periods 140 °F
	IP 54 IP 65 with sealing ring DR-NBR
	acc. to UL94 V0 self-extinguishing
	C.I.T. R22 / R23 HL3 = 12:43 AM LOI R22 / R23 HL3 = 33,8 % Ds (max.) R22 / R23 HL3 = 63



Article	Order No.	Color	Connecting thread	Suitable for Murrflex	EH mm	GL mm	LW mm	SW 1 mm	MOQ pcs.
MSV-M12x1.5/7	83602450	Black	M12x1,5	M10/P07	19.00	13.00	8.00	16.00	50
MSV-M12x1.5/9	83602452	Black	M12x1,5	M12/P09	19.00	13.00	8.00	18.00	50
MSV-M12x1.5/11	83602456	Black	M12x1,5	M16/P11	23.00	13.00	8.00	21.00	50
MSV-M16x1.5/9	83602454	Black	M16x1,5	M12/P09	19.00	13.00	12.00	18.00	50
MSV-M16x1.5/11	83602458	Black	M16x1,5	M16/P11	23.00	13.00	12.00	21.00	50
MSV-M20x1.5/11	83602459	Black	M20x1,5	M16/P11	23.00	14.00	13.50	21.00	50
MSV-M20x1.5/16	83602460	Black	M20x1,5	M20/P16(S)	27.00	14.00	15.00	27.00	50
MSV-M25x1.5/16	83602461	Black	M25x1,5	M20/P16(S)	26.00	14.00	19.00	27.00	50
MSV-M25x1.5/21	83602462	Black	M25x1,5	M25/P21(S)	32.00	14.00	21.00	36.00	50
MSV-M32x1.5/21	83602463	Black	M32x1,5	M25/P21(S)	32.00	14.00	26.00	36.00	50
MSV-M32x1.5/29	83602464	Black	M32x1,5	M32/P29(S)	34.00	14.00	27.00	40.00	25
MSV-M40x1.5/29	83602465	Black	M40x1,5	M32/P29(S)	34.00	14.00	32.00	40.00	25
MSV-M40x1.5/36	83602466	Black	M40x1,5	M40/P36(S)	38.00	16.00	34.00	49.00	10
MSV-M50x1.5/36	83602467	Black	M50x1,5	M40/P36(S)	37.50	16.00	40.00	49.00	10
MSV-M50x1.5/48	83602468	Black	M50x1,5	M50/P48(S)	39.00	16.00	44.00	60.00	10
MSV-M63x1.5/48	83602469	Black	M63x1,5	M50/P48(S)	38.50	16.00	52.00	60.00	10
MSV-M12x1.5/7	83602410	Gray	M12x1,5	M10/P07	19.00	13.00	8.00	16.00	50
MSV-M12x1.5/9	83602412	Gray	M12x1,5	M12/P09	19.00	13.00	8.00	18.00	50
MSV-M12x1.5/11	83602416	Gray	M12x1,5	M16/P11	23.00	13.00	8.00	21.00	50
MSV-M16x1.5/9	83602414	Gray	M16x1,5	M12/P09	19.00	13.00	12.00	18.00	50
MSV-M16x1.5/11	83602418	Gray	M16x1,5	M16/P11	23.00	13.00	12.00	21.00	50
MSV-M20x1.5/11	83602419	Gray	M20x1,5	M16/P11	23.00	14.00	13.50	21.00	50

Type MSV (plug-in fitting)

Article	Order No.	Color	Connecting thread	Suitable for Murrflex	EH mm	GL mm	LW mm	SW 1 mm	MOQ pcs.
MSV-M20x1.5/16	83602420	Gray	M20x1,5	M20/P16(S)	27.00	14.00	15.00	27.00	50
MSV-M25x1.5/16	83602421	Gray	M25x1,5	M20/P16(S)	26.00	14.00	19.00	27.00	50
MSV-M25x1.5/21	83602422	Gray	M25x1,5	M25/P21(S)	32.00	14.00	21.00	36.00	50
MSV-M32x1.5/21	83602423	Gray	M32x1,5	M25/P21(S)	32.00	14.00	26.00	36.00	50
MSV-M32x1.5/29	83602424	Gray	M32x1,5	M32/P29(S)	34.00	14.00	27.00	40.00	25
MSV-M40x1.5/29	83602425	Gray	M40x1,5	M32/P29(S)	34.00	14.00	32.00	40.00	25
MSV-M40x1.5/36	83602426	Gray	M40x1,5	M40/P36(S)	38.00	16.00	34.00	49.00	10
MSV-M50x1.5/36	83602427	Gray	M50x1,5	M40/P36(S)	37.50	16.00	40.00	49.00	10
MSV-M50x1.5/48	83602428	Gray	M50x1,5	M50/P48(S)	39.00	16.00	44.00	60.00	10
MSV-M63x1.5/48	83602429	Gray	M63x1,5	M50/P48(S)	38.50	16.00	52.00	60.00	10
MSV-Pg 07	83601050	Black	Pg 07	M10/P07	19.00	9.00	8.00	16.00	50
MSV-Pg 09	83601052	Black	Pg 09	M12/P09	19.00	10.00	9.60	18.00	50
MSV-Pg 11	83601054	Black	Pg 11	M16/P11	23.00	10.00	13.80	21.00	50
MSV-Pg 13.5/11	83601055	Black	Pg 13.5	M16/P11	23.00	13.00	12.00	21.00	50
MSV-Pg 13.5/16	83601056	Black	Pg 13.5	M20/P16(S)	27.00	13.00	15.50	27.00	50
MSV-Pg 16/09	83601057	Black	Pg 16	M12/P09	19.00	13.00	27.00	27.00	50
MSV-Pg 16	83601058	Black	Pg 16	M20/P16(S)	27.00	13.00	17.00	27.00	50
MSV-Pg 21/16	83601059	Black	Pg 21	M20/P16	26.00	14.00	36.00	36.00	50
MSV-Pg 21	83601060	Black	Pg 21	M25/P21(S)	32.00	14.00	23.00	36.00	50
MSV-Pg 29	83601062	Black	Pg 29	M32/P29(S)	35.00	14.00	28.00	40.00	25
MSV-Pg 36	83601064	Black	Pg 36	M40/P36(S)	38.00	15.00	40.00	49.00	10
MSV-Pg 48	83601066	Black	Pg 48	M50/P48(S)	39.00	17.00	47.00	60.00	10
MSV-Pg 07	83601010	Gray	Pg 07	M10/P07	19.00	9.00	8.00	16.00	50
MSV-Pg 09	83601012	Gray	Pg 09	M12/P09	19.00	10.00	9.60	18.00	50
MSV-Pg 11	83601014	Gray	Pg 11	M16/P11	23.00	10.00	13.80	21.00	50
MSV-Pg 13.5/11	83601015	Gray	Pg 13.5	M16/P11	23.00	13.00	12.00	21.00	50
MSV-Pg 13.5/16	83601016	Gray	Pg 13.5	M20/P16(S)	27.00	13.00	15.50	27.00	50
MSV-Pg 16/09	83601017	Gray	Pg 16	M12/P09	19.00	13.00	27.00	27.00	50
MSV-Pg 16	83601018	Gray	Pg 16	M20/P16(S)	27.00	13.00	17.00	27.00	50
MSV-Pg 21/16	83601019	Gray	Pg 21	M20/P16	26.00	14.00	36.00	36.00	50
MSV-Pg 21	83601020	Gray	Pg 21	M25/P21(S)	32.00	14.00	23.00	36.00	50
MSV-Pg 29	83601022	Gray	Pg 29	M32/P29(S)	35.00	14.00	28.00	40.00	25
MSV-Pg 36	83601024	Gray	Pg 36	M40/P36(S)	38.00	15.00	40.00	49.00	10
MSV-Pg 48	83601026	Gray	Pg 48	M50/P48(S)	39.00	17.00	47.00	60.00	10
MSV NPT 3/8"/11")	83602650	Black	3/8"	M16/P11(S)	32.00	8.00	12.00	21.00	50
MSV-NPT 1/2"/16	83602652	Black	1/2"	M20/P16(S)	27.00	14.00	15.00	27.00	50
MSV-NPT 3/4"/21	83602654	Black	3/4"	M25/P21(S)	32.00	14.00	20.50	36.00	50
MSV-NPT 1"/29	83602656	Black	1"	M32/P29(S)	35.00	16.00	26.50	40.00	25
MSV NPT 3/8"/11")	83602610	Gray	3/8"	M16/P11(S)	32.00	8.00	12.00	21.00	50
MSV-NPT 1/2"/16	83602612	Gray	1/2"	M20/P16(S)	27.00	14.00	15.00	27.00	50
MSV-NPT 3/4"/21	83602614	Gray	3/4"	M25/P21(S)	32.00	14.00	20.50	36.00	50

Type MSV (plug-in fitting)

Article	Order No.	Color	Connecting thread	Suitable for Murrflex	EH mm	GL mm	LW mm	SW 1 mm	MOQ pcs.
MSV-NPT 1"/29	83602616	Gray	1"	M32/P29(S)	35.00	16.00	26.50	40.00	25

¹⁾ No stock goods, delivery time and minimum order quantities upon request

MATERIAL PROPERTIES



Fitting: Mod. polyamide PA 6

THERMAL PROPERTIES



Temperature / temperature range
-40 – 110 °F Short periods 140 °F

PROTECTION CLASS



Protection class
IP 54
IP 65 with sealing ring DR-NBR

FIRE BEHAVIOR



acc. to UL94 V0 self-extinguishing



Fire properties as per EN 45545-2 :
C.I.T. R22 / R23 HL3 = 12:43 AM
LOI R22 / R23 HL3 = 33,8 %
Ds (max.) R22 / R23 HL3 = 63

TECHNICAL INFORMATION



Halogen-free

CONFORMITY



RoHS (EC Directive 2011/65/EU)

APPROVALS AND OPERATING PERMITS



Railway EU approval
EN 45545-2 R22/R23 3x HL3



cURus-approval

GENERAL INFORMATION



Made in Germany

Type MSV (plug-in fitting)

All details given in our sales brochures and catalogs, as well as the information available online, are based on our current knowledge of the products described.

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