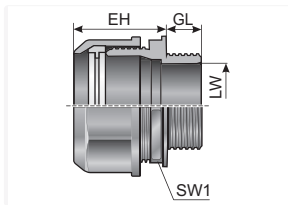




Typ EH



Product information

The EH conduit fittings are made of specially modified polyamide and polyoxymethylene. The materials are halogen, phosphor and cadmium-free.

The EH conduit fittings feature the following advantages:

- No parts can get lost, delivered completely assembled
- Tightness of IP 65 for static and dynamic application
- Integrated clamping ring ensures high tear-out strength

Specification:

- UL listed E 148958
- EN 45545-2 3x HL3
- NFPA 130: ASTM E 162, ASTM E 662

Information, conformities and approvals



Article	Order No.	Color	UV	Connecting thread	Suitable for Murrflex	EH mm	GL mm	LW mm	SW 1 mm	PU pcs.
EH-M12x1,5/9	83501452	Black	1	M12x1,5	M12/P09	26	13	8	19	50
EH-M12x1,5/11	83501456	Black	1	M12x1,5	M16/P11	26	13	8	22	50
EH-M16x1,5/9	83501454	Black	1	M16x1,5	M12/P09	26	13	11	19	50
EH-M16x1,5/11	83501458	Black	1	M16x1,5	M16/P11	26	13	11	22	50
EH-M20x1,5/13.5	83501459	Black	1	M20x1,5	NW13	26	14	15	27	50
EH-M20x1,5/16	83501460	Black	1	M20x1,5	M20/P16(S)	26	14	15	27	50
EH-M25x1,5/21	83501462	Black	1	M25x1,5	M25/P21(S)	33	10	21	37	50
EH-M32x1,5/29	83501464	Black	1	M32x1,5	M32/P29(S)	33	10	27	45	25
EH-M40x1,5/36	83501466	Black	1	M40x1,5	M40/P36(S)	44	15	35	55	25
EH-M50x1,5/48	83501468	Black	1	M50x1,5	M50/P48(S)	50	17	44	65	10
EH-M63x1,5/48	83501470	Black	1	M63x1,5	M50/P48(S)	50	15	50	65	10



Typ EH

Article	Order No.	Color	UV	Connecting thread	Suitable for Murrflex	EH mm	GL mm	LW mm	SW 1 mm	PU pcs.
EH-M12x1,5/9	83501412	Gray	0	M12x1,5	M12/P09	26	13	8	19	50
EH-M12x1,5/11	83501416	Gray	0	M12x1,5	M16/P11	26	13	8	22	50
EH-M16x1,5/9	83501414	Gray	0	M16x1,5	M12/P09	26	13	11	19	50
EH-M16x1,5/11	83501418	Gray	0	M16x1,5	M16/P11	26	13	11	22	50
EH-M20x1,5/13.5	83501419	Gray	0	M20x1,5	NW13	26	14	15	27	50
EH-M20x1,5/16	83501420	Gray	0	M20x1,5	M20/P16(S)	26	14	15	27	50
EH-M25x1,5/21	83501422	Gray	0	M25x1,5	M25/P21(S)	33	10	21	37	50
EH-M32x1,5/29	83501424	Gray	0	M32x1,5	M32/P29(S)	33	10	27	45	25
EH-M40x1,5/36	83501426	Gray	0	M40x1,5	M40/P36(S)	44	15	35	55	25
EH-M50x1,5/48	83501428	Gray	0	M50x1,5	M50/P48(S)	50	17	44	65	10
EH-M63x1,5/48	83501430	Gray	0	M63x1,5	M50/P48(S)	50	15	50	65	10
EH-Pg 07	83501050	Black	1	PG 07	M10/P07	26	8	8.5	19	50
EH-Pg 07/09	83501068	Black	1	PG 07	M12/P09	26	8	8.5	19	50
EH-Pg 09	83501052	Black	1	PG 09	M12/P09	26	8	11	19	50
EH-Pg 09/11	83501070	Black	1	PG 09	M16/P11	26	8	10.5	22	50
EH-Pg 09/13.5	83501072	Black	1	PG 09	NW13	26	8	10.5	27	50
EH-Pg 09/16	83501074	Black	1	PG 09	M20/P16	26	8	10.5	27	50
EH-Pg 11/09	83501076	Black	1	PG 11	M12/P09	26	8	14	19	50
EH-Pg 11	83501054	Black	1	PG 11	M16/P11	26	8	14	22	50
EH-Pg 11/13.5	83501078	Black	1	PG 11	NW13	26	8	14	27	50



Typ EH

Article	Order No.	Color	UV	Connecting thread	Suitable for Murrflex	EH mm	GL mm	LW mm	SW 1 mm	PU pcs.
EH-Pg 11/16	83501080	Black	1	PG 11	M20/P16	26	8	14	27	50
EH-Pg 13.5	83501055	Black	1	PG 13,5	NW13	26	8	14	27	50
EH-Pg 13.5/16	83501056	Black	1	PG 13,5	M20/P16	26	8	14	27	50
EH-Pg 16/13.5	83501082	Black	1	PG 16	NW13	26	8	17	27	50
EH-Pg 16	83501058	Black	1	PG 16	M20/P16	26	8	17	27	50
EH-Pg 21	83501060	Black	1	PG 21	M25/P21(S)	34	10	23	38	50
EH-Pg 21 long	83501061	Black	1	PG 21	M25/P21(S)	34	15	23	38	50
EH-Pg 29	83501062	Black	1	PG 29	M32/P29(S)	34	10	31	46	25
EH-Pg 36	83501064	Black	1	PG 36	M40/P36(S)	44	15	40	55	25
EH-Pg 48	83501066	Black	1	PG 48	M50/P48(S)	50	15	51	65	10
EH-Pg 07	83501010	Gray	0	PG 07	M10/P07	26	8	8.5	19	50
EH-Pg 07/09	83501028	Gray	0	PG 07	M12/P09	26	8	8.5	19	50
EH-Pg 09	83501012	Gray	0	PG 09	M12/P09	26	8	11	19	50
EH-Pg 09/11	83501030	Gray	0	PG 09	M16/P11	26	8	10.5	22	50
EH-Pg 09/13.5	83501032	Gray	0	PG 09	NW13	26	8	10.5	27	50
EH-Pg 09/16	83501034	Gray	0	PG 09	M20/P16	26	8	10.5	27	50
EH-Pg 11/09	83501036	Gray	0	PG 11	M12/P09	26	8	14	19	50
EH-Pg 11	83501014	Gray	0	PG 11	M16/P11	26	8	14	22	50
EH-Pg 11/13.5	83501038	Gray	0	PG 11	NW13	26	8	14	27	50
EH-Pg 11/16	83501040	Gray	0	PG 11	M20/P16	26	8	14	27	50



Typ EH

Article	Order No.	Color	UV	Connecting thread	Suitable for Murrflex	EH mm	GL mm	LW mm	SW 1 mm	PU pcs.
EH-Pg 13.5	83501015	Gray	0	PG 13,5	NW13	26	8	14	27	50
EH-Pg 13.5/16	83501016	Gray	0	PG 13,5	M20/P16	26	8	14	27	50
EH-Pg 16/13.5	83501042	Gray	0	PG 16	NW13	26	8	17	27	50
EH-Pg 16	83501018	Gray	0	PG 16	M20/P16	26	8	17	27	50
EH-Pg 21	83501020	Gray	0	PG 21	M25/P21(S)	34	10	23	38	50
EH-Pg 21 long	83501021	Gray	0	PG 21	M25/P21(S)	34	15	23	38	50
EH-Pg 29	83501022	Gray	0	PG 29	M32/P29(S)	34	10	31	46	25
EH-Pg 36	83501024	Gray	0	PG 36	M40/P36(S)	44	15	40	55	25
EH-Pg 48	83501026	Gray	0	PG 48	M50/P48(S)	50	15	51	65	10
EH-NPT 3/8"/11	83501251	Black	1	3/8"	M16/P11	26	14	12	22	50
EH-NPT 1/2"/16	83501250	Black	1	1/2"	M20/P16(S)	26	13	14	27	50
EH-NPT 3/4"/21	83501252	Black	1	3/4"	M25/P21(S)	31	14	19	37	50
EH-NPT 1"/29	83501254	Black	1	1"	M32/P29(S)	32	19	26	46	25
EH-NPT 1 1/4"/36	83501256	Black	1	1 1/4"	M40/P36(S)	44	18	35	55	25
EH-NPT 2"/48	83501258	Black	1	2"	M50/P48(S)	50	18	51	65	10
EH-NPT 3/8"/11	83501211	Gray	0	3/8"	M16/P11	26	14	12	22	50
EH-NPT 1/2"/16	83501210	Gray	0	1/2"	M20/P16(S)	26	13	14	27	50
EH-NPT 3/4"/21	83501212	Gray	0	3/4"	M25/P21(S)	31	14	19	37	50
EH-NPT 1"/29	83501214	Gray	0	1"	M32/P29(S)	32	19	26	46	25
EH-NPT 1 1/4"/36	83501216	Gray	0	1 1/4"	M40/P36(S)	44	18	35	55	25



Typ EH

Article	Order No.	Color	UV	Connecting thread	Suitable for Murrflex	EH mm	GL mm	LW mm	SW 1 mm	PU pcs.
EH-NPT 2"/48	83501218	Gray	0	2"	M50/P48(S)	50	18	51	65	10

Material properties



mod. polyamide PA 6Polyoxymethylene (POM)

Thermal properties



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

Fire properties



Fire classification acc. to
UL94: V0 self-extinguishing



properties as per EN 45545-2 C.I.T. R22 / R23 HL3 ; LOI R22 / R23 HL3 ; Ds (max.) R22 / R23
58, ≥ 31 %, 57 kJ/m² 70-100-1/-2 600°C (1112 °F), ISO 4589-2, ISO 5659-2 (25 kBT/m²)



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

Protection class



Protection class IP65

Chemical resistance



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

General information



Made in Germany

All details given in our sales brochures and catalogues, as well as the information available online, are based on our current knowledge of the products described. The electronic data and files made available by Murrplastik, particularly CAD files are based on our current knowledge of the product described. A legally binding assurance of certain properties or the suitability for a certain purpose can not be determined from this information. All information with respect to the chemical and physical properties of Murrplastik products, as well as application advice given verbally, in writing or by tests, is given to the best of our knowledge. They do not release the buyer from the obligation to carry out his own tests and trials in order to determine the concrete suitability of the products for the intended purpose. Murrplastik accepts no responsibility for the available information being up-to-date, correct or complete. Neither do we accept responsibility for the quality of this information. Murrplastik accepts no liability for damage caused as a result of using our products. Murrplastik reserves the right to make technical changes and improvements through constant further development of products and services. Our General Terms and Conditions apply.