



Typ EH

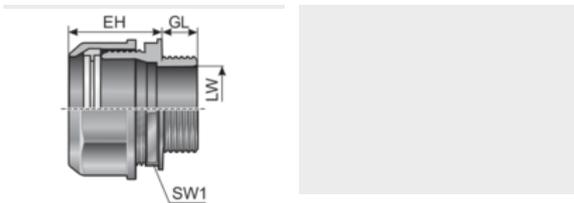


Product information

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

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 M12x1,5/09	83501452	Black	✓	M12x1,5	M12/P09	26	13	8	19	50
EH M12x1,5/11	83501456	Black	✓	M12x1,5	M16/P11	26	13	8	22	50
EH M16x1,5/09	83501454	Black	✓	M16x1,5	M12/P09	26	13	11	19	50
EH M16x1,5/11	83501458	Black	✓	M16x1,5	M16/P11	26	13	11	22	50
EH M20x1,5/13,5	83501459	Black	✓	M20x1,5	NW13	26	14	15	27	50
EH M20x1,5/16	83501460	Black	✓	M20x1,5	M20/P16(S)	26	14	15	27	50
EH M25x1,5/21	83501462	Black	✓	M25x1,5	M25/P21(S)	33	10	21	37	50
EH M32x1,5/29	83501464	Black	✓	M32x1,5	M32/P29(S)	33	10	27	45	25
EH M40x1,5/36	83501466	Black	✓	M40x1,5	M40/P36(S)	44	15	35	55	25
EH M50x1,5/48	83501468	Black	✓	M50x1,5	M50/P48(S)	50	17	44	65	10
EH M63x1,5/48	83501470	Black	✓	M63x1,5	M50/P48(S)	50	15	50	65	10
EH M12x1,5/09	83501412	Gray	✗	M12x1,5	M12/P09	26	13	8	19	50
EH M12x1,5/11	83501416	Gray	✗	M12x1,5	M16/P11	26	13	8	22	50



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EH M16x1,5/09	83501414	Gray	✗	M16x1,5	M12/P09	26	13	11	19	50
EH M16x1,5/11	83501418	Gray	✗	M16x1,5	M16/P11	26	13	11	22	50
EH M20x1,5/13.5	83501419	Gray	✗	M20x1,5	NW13	26	14	15	27	50
EH M20x1,5/16	83501420	Gray	✗	M20x1,5	M20/P16(S)	26	14	15	27	50
EH M25x1,5/21	83501422	Gray	✗	M25x1,5	M25/P21(S)	33	10	21	37	50
EH M32x1,5/29	83501424	Gray	✗	M32x1,5	M32/P29(S)	33	10	27	45	25
EH M40x1,5/36	83501426	Gray	✗	M40x1,5	M40/P36(S)	44	15	35	55	25
EH M50x1,5/48	83501428	Gray	✗	M50x1,5	M50/P48(S)	50	17	44	65	10
EH M63x1,5/48	83501430	Gray	✗	M63x1,5	M50/P48(S)	50	15	50	65	10
EH PG07	83501050	Black	✓	PG 07	M10/P07	26	8	8.5	19	50
EH PG07/09	83501068	Black	✓	PG 07	M12/P09	26	8	8.5	19	50
EH PG09	83501052	Black	✓	PG 09	M12/P09	26	8	11	19	50
EH PG09/11	83501070	Black	✓	PG 09	M16/P11	26	8	10.5	22	50
EH PG09/13.5	83501072	Black	✓	PG 09	NW13	26	8	10.5	27	50
EH PG09/16	83501074	Black	✓	PG 09	M20/P16	26	8	10.5	27	50
EH PG11/09	83501076	Black	✓	PG 11	M12/P09	26	8	14	19	50
EH PG11	83501054	Black	✓	PG 11	M16/P11	26	8	14	22	50
EH PG11/16	83501080	Black	✓	PG 11	M20/P16	26	8	14	27	50
EH PG13.5	83501055	Black	✓	PG 13,5	NW13	26	8	14	27	50
EH PG13.5/16	83501056	Black	✓	PG 13,5	M20/P16	26	8	14	27	50
EH PG16/13.5	83501082	Black	✓	PG 16	NW13	26	8	17	27	50
EH PG16	83501058	Black	✓	PG 16	M20/P16	26	8	17	27	50
EH PG21	83501060	Black	✓	PG 21	M25/P21(S)	34	10	23	38	50
EH PG21 long	83501061	Black	✓	PG 21	M25/P21(S)	34	15	23	38	50
EH PG29	83501062	Black	✓	PG 29	M32/P29(S)	34	10	31	46	25



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EH PG36	83501064	Black	✓	PG 36	M40/P36(S)	44	15	40	55	25
EH PG48	83501066	Black	✓	PG 48	M50/P48(S)	50	15	51	65	10
EH PG07	83501010	Gray	✗	PG 07	M10/P07	26	8	8.5	19	50
EH PG07/09	83501028	Gray	✗	PG 07	M12/P09	26	8	8.5	19	50
EH PG09	83501012	Gray	✗	PG 09	M12/P09	26	8	11	19	50
EH PG09/11	83501030	Gray	✗	PG 09	M16/P11	26	8	10.5	22	50
EH PG09/13.5	83501032	Gray	✗	PG 09	NW13	26	8	10.5	27	50
EH PG09/16	83501034	Gray	✗	PG 09	M20/P16	26	8	10.5	27	50
EH PG11/09	83501036	Gray	✗	PG 11	M12/P09	26	8	14	19	50
EH PG11	83501014	Gray	✗	PG 11	M16/P11	26	8	14	22	50
EH PG11/13.5	83501038	Gray	✗	PG 11	NW13	26	8	14	27	50
EH PG11/16	83501040	Gray	✗	PG 11	M20/P16	26	8	14	27	50
EH PG13.5	83501015	Gray	✗	PG 13.5	NW13	26	8	14	27	50
EH PG13.5/16	83501016	Gray	✗	PG 13.5	M20/P16	26	8	14	27	50
EH PG16/13.5	83501042	Gray	✗	PG 16	NW13	26	8	17	27	50
EH PG16	83501018	Gray	✗	PG 16	M20/P16	26	8	17	27	50
EH PG21	83501020	Gray	✗	PG 21	M25/P21(S)	34	10	23	38	50
EH PG29	83501022	Gray	✗	PG 29	M32/P29(S)	34	10	31	46	25
EH PG36	83501024	Gray	✗	PG 36	M40/P36(S)	44	15	40	55	25
EH PG48	83501026	Gray	✗	PG 48	M50/P48(S)	50	15	51	65	10
EH NPT 3/8"/11	83501251	Black	✓	3/8"	M16/P11	26	14	12	22	50
EH NPT 1/2"/16	83501250	Black	✓	1/2"	M20/P16(S)	26	13	14	27	50
EH NPT 3/4"/21	83501252	Black	✓	3/4"	M25/P21(S)	31	14	19	37	50
EH NPT 1"/29	83501254	Black	✓	1"	M32/P29(S)	32	19	26	46	25
EH NPT 1 1/4"/36	83501256	Black	✓	1 1/4"	M40/P36(S)	44	18	35	55	25



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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	83501258	Black	✓	2"	M50/P48(S)	50	18	51	65	10
EH NPT 3/8"/11	83501211	Gray	✗	3/8"	M16/P11	26	14	12	22	50
EH NPT 1/2"/16	83501210	Gray	✗	1/2"	M20/P16(S)	26	13	14	27	50
EH NPT 3/4"/21	83501212	Gray	✗	3/4"	M25/P21(S)	31	14	19	37	50
EH NPT 1"/29	83501214	Gray	✗	1"	M32/P29(S)	32	19	26	46	25
EH NPT 1 1/4"/36	83501216	Gray	✗	1 1/4"	M40/P36(S)	44	18	35	55	25
EH NPT 2"/48	83501218	Gray	✗	2"	M50/P48(S)	50	18	51	65	10

Material properties



Fitting: mod. polyamide PA 6
Clamping ring Polyoxymethylene (POM) mod. polyamide PA 6
Polyoxymethylene (POM)

Thermal properties



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

Protection class



Protection class
IP65

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 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)



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



Typ EH

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