



Cable glands

Plastic cable glands

Insulating gland, DP...H, DP...H BK type	55
Insulating gland, DP...HML	56

Metal cable glands

Brass gland, MDW...H MDW...HM type	57
Brass gland, MDW...H type	58
Brass gland, MDW...HML type	59

Cable grommets

Rubber grommet, BDE type	60
Cable grommet, HV type	61
Hole plug, HP type	62
Flexible grommet, PV type	63
Rubber grommets, GH type	64

Insulating gland, DP...H, DP...H BK type

FEATURES & BENEFITS

-  popular glands with internal lamellas on cap nut, PG thread
-  highest degree of protection - IP68
-  set includes fixing nut and flat seal

MECHANICAL DATA

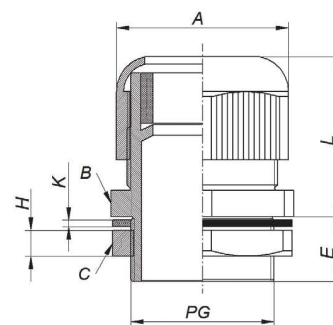
Material	body: polyamide 6; seal - NBR
Colour	grey (RAL 7035), black BK (RAL 9005)
Operating temperature [°C]	-30 ÷ +80

CERTIFICATES & STANDARDS

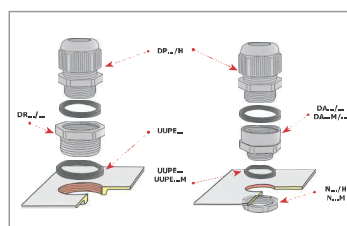
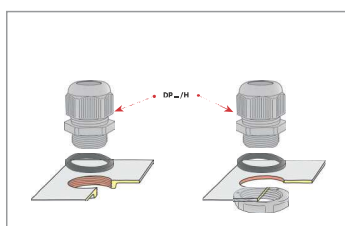
IP degree of protection	IP68
Flammability class	UL 94 V2
Standards	EN 50262; type A

NOTE!

Gland, nut and sealing washer in a kit.



Type	E	H	L	K	For spanner A	For spanner B	For spanner C	Colour	PG thread	Cable external diameter [mm]	Quantity in package [pcs]
DP 7/H	8	5,0	20	1,2	16	16	18	grey	P7	3,5÷6,0	100 / 10
DP 9/H	8	5,0	22	1,14	19	19	21	grey	P9	4,5÷7,0	100 / 10
DP 11/H	8	5,5	24	1,4	22	22	24	grey	P11	5,5÷10,0	100 / 10
DP 13/H	9	5,5	27	1,4	24	24	27	grey	P13,5	8,0÷12,0	100 / 10
DP 16/H	10	6,0	28	1,4	26	27	29	grey	P16	10,0÷14,0	100 / 10
DP 21/H	10	6,5	30	1,4	32	33	36	grey	P21	14,0÷18,0	50 / 10
DP 29/H	15	7,0	38	1,5	42	42	45	grey	P29	18,0÷25,0	50 / 10
DP 36/H	18	7,0	45	1,5	53	51	57	grey	P36	24,0÷32,0	10
DP 42/H	18	7,0	48	2,0	61	60	65	grey	P42	30,0÷38,0	10 / 1
DP 48/H	18	7,0	48	1,7	65	64	70	grey	P48	38,0÷44,0	10 / 1
DP 63/H	26	9,0	58	2,0	76	76	81	grey	70.5 installation opening	42,0÷52,0	10 / 1
DP 7 H BK	8	5,0	20	1,2	16	16	18	black	P7	3,5÷6,0	100 / 10
DP 9 H BK	8	5,0	22	1,14	19	19	21	black	P9	4,5÷7,0	100 / 10
DP 11 H BK	8	5,5	24	1,4	22	22	24	black	P11	5,5÷10,0	100 / 10
DP 13 H BK	9	5,5	27	1,4	24	24	27	black	P13,5	8,0÷12,0	100 / 10
DP 16 H BK	10	6,0	28	1,4	26	27	29	black	P16	10,0÷14,0	100 / 10
DP 21 H BK	10	6,5	30	1,4	32	33	36	black	P21	14,0÷18,0	50 / 10
DP 29 H BK	12	7,0	38	1,5	42	42	45	black	P29	18,0÷25,0	50 / 10
DP 36 H BK	14	7,0	45	1,5	53	51	57	black	P36	24,0÷32,0	10
DP 42 H BK	14	7,0	48	2,0	61	60	65	black	P42	30,0÷38,0	10 / 1
DP 48 H BK	18	7,0	48	1,7	65	64	70	black	P48	38,0÷44,0	10 / 1
DP 63 H BK	26	9,0	58	2,0	76	76	81	black	70.5 installation opening	42,0÷52,0	10 / 1



Insulating gland, DP-EN...HM, DP-EN...HM BK type

FEATURES & BENEFITS



popular glands with internal lamellas on cap nut, M thread



highest degree of protection - IP68



set includes fixing nut and flat seal

MECHANICAL DATA

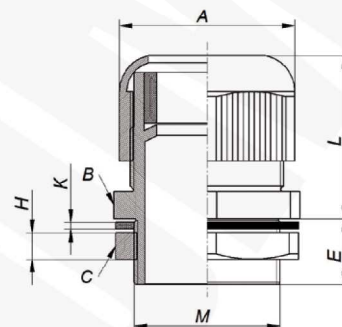
Material	body: polyamide 6; seal - NBR
Colour	grey (RAL 7035), black BK (RAL 9005)
Operating temperature [°C]	-30 ÷ +80

CERTIFICATES & STANDARDS

IP degree of protection	IP68
Flammability class	UL 94 V2
Standards	EN 50262; type A

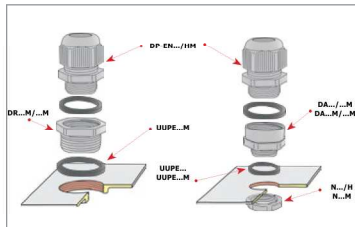
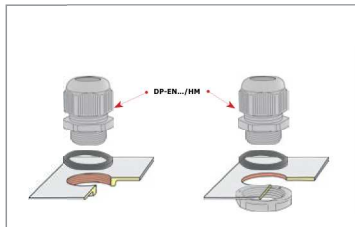
NOTE!

Gland, nut and sealing washer in a kit.



Type	Index Ergom	E	H	L	K	For spanner A	For spanner B	For spanner C	Colour	M thread	Cable external diameter [mm]	Quantity in package [pcs]
DP-EN 12 HM (10 PCS)	E03DK-01040100103	8	5,0	22	1,2	16	16	18	grey	M12x1,5	3,0÷6,5	10
DP-EN 12 HM (100 PCS)	E03DK-01040100101	8	5,0	22	1,2	16	16	18	grey	M12x1,5	3,0÷6,5	100
DP-EN 16 HM (100 PCS)	E03DK-01040100201	8	5,0	26	1,4	19	19	21	grey	M16x1,5	4,0÷8,0	100
DP-EN 16 HM (10 PCS)	E03DK-01040100203	8	5,0	26	1,4	19	19	21	grey	M16x1,5	4,0÷8,0	10
DP-EN 20 HM (100 PCS)	E03DK-01040100301	9	5,5	28	1,4	24	24	27	grey	M20x1,5	7,0÷12,0	100
DP-EN 20 HM (10 PCS)	E03DK-01040100303	9	5,5	28	1,4	24	24	27	grey	M20x1,5	7,0÷12,0	10
DP-EN 25 HM (50 PCS)	E03DK-01040100401	10	6,3	36	1,4	32	33	33	grey	M25x1,5	11,0÷18,0	50
DP-EN 25 HM (10 PCS)	E03DK-01040100403	10	6,3	36	1,4	32	33	33	grey	M25x1,5	11,0÷18,0	10
DP-EN 32 HM (50 PCS)	E03DK-01040100501	11	7,3	40	1,7	35	36	39	grey	M32x1,5	16,0÷21,0	50
DP-EN 32 HM (10 PCS)	E03DK-01040100503	11	7,3	40	1,7	35	36	39	grey	M32x1,5	16,0÷21,0	10
DP-EN 40 HM (10 PCS)	E03DK-01040100601	18	7,5	48	1,7	53	51	50	grey	M40x1,5	20,0÷32,0	10
DP-EN 50 HM (10 PCS)	E03DK-01040100701	18	7,5	49	1,7	61	58	60	grey	M50x1,5	30,0÷38,0	10
DP-EN 50 HM	E03DK-01040100703	18	7,5	49	1,7	61	58	60	grey	M50x1,5	30,0÷38,0	1
DP-EN 50 HM (10 PCS)	E03DK-01040100801	18	7,5	50	1,7	67	67	74	grey	M63x1,5	36,0÷44,0	10
DP-EN 63 HM	E03DK-01040100803	18	7,5	50	1,7	67	67	74	grey	M63x1,5	36,0÷44,0	1
DP-EN 63-2 HM (10 PCS)	E03DK-01040100901	26	11,0	58	2,0	76	76	73	grey	M63x1,5	42,0÷50,0	10
DP-EN 63-2 HM	E03DK-01040100903	26	11,0	58	2,0	76	76	73	grey	M63x1,5	42,0÷50,0	1
DP-EN 12 HM BK (100 PCS)	E03DK-01040120101	8	5,0	22	1,2	16	16	18	black	M12x1,5	3,0÷6,5	100
DP-EN 12 HM BK (10 PCS)	E03DK-01040120103	8	5,0	22	1,2	16	16	18	black	M12x1,5	3,0÷6,5	10
DP-EN 16 HM BK (100 PCS)	E03DK-01040120501	8	5,0	26	1,4	19	19	21	black	M16x1,5	4,0÷8,0	100
DP-EN 16 HM BK (10 PCS)	E03DK-01040120503	8	5,0	26	1,4	19	19	21	black	M16x1,5	4,0÷8,0	10
DP-EN 20 HM BK (100 PCS)	E03DK-01040121001	9	5,5	28	1,4	24	24	27	black	M20x1,5	7,0÷12,0	100
DP-EN 20 HM BK (10 PCS)	E03DK-01040121003	9	5,5	28	1,4	24	24	27	black	M20x1,5	7,0÷12,0	10
DP-EN 25 HM BK (50 PCS)	E03DK-01040123001	10	6,3	36	1,4	32	33	33	black	M25x1,5	11,0÷18,0	50
DP-EN 25 HM BK (10 PCS)	E03DK-01040123003	10	6,3	36	1,4	32	33	33	black	M25x1,5	11,0÷18,0	10
DP-EN 32 HM BK (50 PCS)	E03DK-01040124001	11	7,3	40	1,7	35	36	39	black	M32x1,5	16,0÷21,0	50
DP-EN 32 HM BK (10 PCS)	E03DK-01040124003	11	7,3	40	1,7	35	36	39	black	M32x1,5	16,0÷21,0	10
DP-EN 40 HM BK (10 PCS)	E03DK-01040125001	18	7,5	48	1,7	53	51	50	black	M40x1,5	20,0÷32,0	10

Type	Index Ergom	E	H	L	K	For spanner A	For spanner B	For spanner C	Colour	M thread	Cable external diameter [mm]	Quantity in package [pcs]
DP-EN 50 HM BK (10 PCS)	E03DK-01040126001	18	7,5	49	1,7	61	58	60	black	M50x1,5	30,0÷38,0	10
DP-EN 50 HM BK	E03DK-01040126003	18	7,5	49	1,7	61	58	60	black	M50x1,5	30,0÷38,0	1
DP-EN 63 HM BK (10 PCS)	E03DK-01040127001	18	7,5	50	1,7	67	67	74	black	M63x1,5	36,0÷44,0	10
DP-EN 63 HM BK	E03DK-01040127003	18	7,5	50	1,7	67	67	74	black	M63x1,5	36,0÷44,0	1
DP-EN 63-2 HM BK (10 PCS)	E03DK-01040128001	26	11,0	58	2,0	76	76	73	black	M63x1,5	42,0÷50,0	10
DP-EN 63-2 HM BK	E03DK-01040128003	26	11,0	58	2,0	76	76	73	black	M63x1,5	42,0÷50,0	1



Insulating gland, DP...HML type

FEATURES & BENEFITS

- ☒ brass glands with long metric threads for thick-walled enclosures
- ☒ highest degree of protection - IP68
- ☒ set includes fixing nut and flat seal

MECHANICAL DATA

Material	body: polyamide 6; seal - CR
Halogen-free	yes
Colour	grey (RAL 7035)
Operating temperature [°C]	-30 ÷ +80

DIMENSIONS

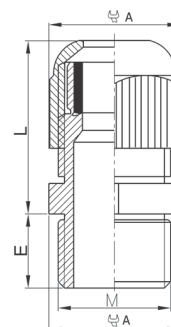
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CERTIFICATES & STANDARDS

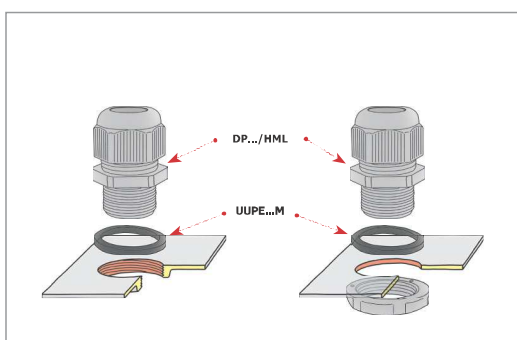
IP degree of protection	IP68
Flammability class	UL 94 V2
Standards	EN 50262; type A

NOTE!

Gland and nut in a kit, without sealing washer.



Type	L	For spanner A	M thread	Cable external diameter [mm]	Quantity in package [pcs]
DP 16HML	24	22	M16x1,5	5,0÷10,0	100 / 10
DP 20 HML	28	24	M20x1,5	6,0÷12,0	100 / 10
DP 20 HML 2	32	27	M20x1,5	10,0÷14,0	100 / 10
DP 25 HML	36	33	M25x1,5	13,0÷18,0	50 / 10



Brass gland, MDW...H MDW...HM

FEATURES & BENEFITS

- ☒ popular brass glands with cap nut and polyamide insert with lamellas, M thread
- ☒ highest degree of protection - IP68 (factory-mounted O-ring)
- ☒ for indoor and outdoor use

MECHANICAL DATA

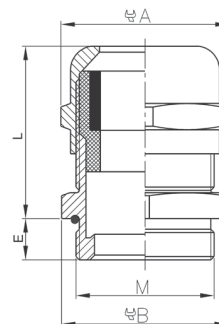
Material	body: nickel-plated brass; sealing ring: neoprene; clamping insert: PA 6; o-ring: NBR
Halogen-free	yes
Operating temperature [°C]	-40 ÷ +100

CERTIFICATES & STANDARDS

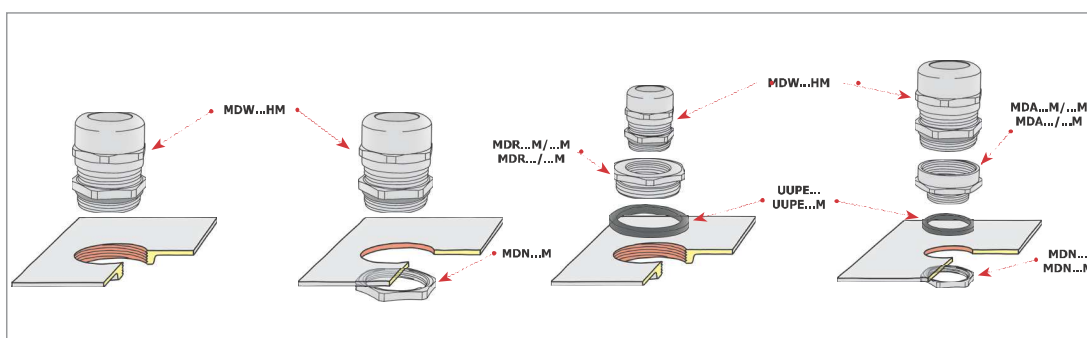
IP degree of protection	IP68
Standards	EN 50262; type A

NOTE!

MDN Nuts are to be ordered separately.



Type	E	L	For spanner A	For spanner B	M thread	Cable external diameter [mm]	Quantity in package [pcs]
MDW 12HM	6	20	14	14	M 12x1,5	3÷6,5	50 / 10
MDW 16HM	7	21	17	18	M16x1,5	4÷8	50 / 10
MDW 20HM	8	22	22	22	M20x1,5	6÷12	50 / 10
MDW 25HM	8	24	24	27	M25x1,5	10÷14	25 / 10
MDW 32HM	9	28	30	34	M32x1,5	13÷18	25 / 10
MDW 40HM	9	32	40	43	M40x1,5	18÷25	5 / 10
MDW 50HM	9	38	50	55	M50x1,5	22÷32	5 / 1
MDW 63HM	14	44	64	68	M63x1,5	34÷44	5 / 1



Brass gland, MDW...H

FEATURES & BENEFITS

- ✓ popular brass glands with cap nut and polyamide insert with lamellas, PG thread
- ✓ highest degree of protection - IP68 (factory-mounted O-ring)
- ✓ for indoor and outdoor use

MECHANICAL DATA

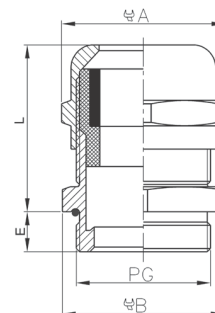
Material	body: nickel-plated brass; sealing ring: neoprene; clamping insert: PA 6; o-ring: NBR
Halogen-free	yes
Operating temperature [°C]	-40 ÷ +100

CERTIFICATES & STANDARDS

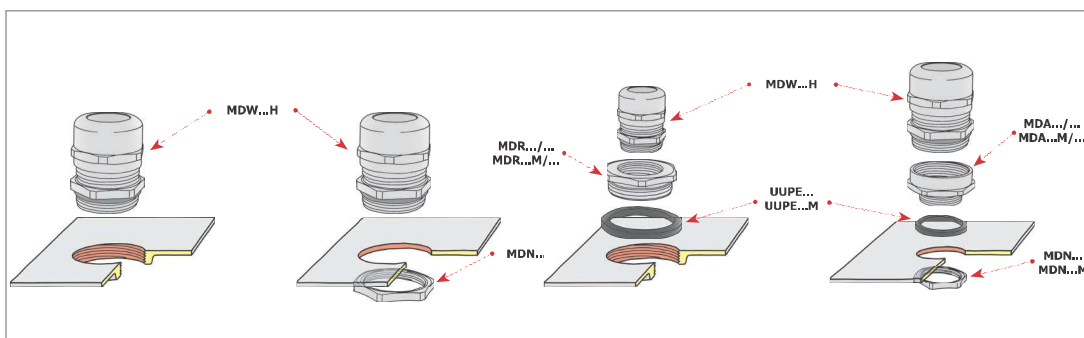
IP degree of protection	IP68
Standards	EN 50262; type A

NOTE!

MDN Nuts are to be ordered separately.



Type	E	L	For spanner A	For spanner B	PG thread	Cable external diameter [mm]	Quantity in package [pcs]
MDW 7H	6,0	20	14	14	P7	3÷6,5	50 / 10
MDW 9H	6,0	21	17	17	P9	4÷8	50 / 10
MDW 11H	6,0	22	20	20	P11	5÷10	50 / 10
MDW 13H	6,5	22	22	22	P13,5	6÷12	50 / 10
MDW 16H	6,5	24	24	24	P16	10÷14	50 / 10
MDW 21H	7,0	28	30	30	P21	13÷18	25 / 10
MDW 29H	8,0	32	40	40	P29	18÷25	25 / 10
MDW 36H	10,0	38	50	50	P36	22÷32	5 / 10
MDW 42H	12,0	42	58	58	P42	30÷38	5 / 1
MDW 48H	14,0	44	64	64	P48	34÷44	5 / 1



Brass gland, MDW...HML

FEATURES & BENEFITS



long-thread brass glands for thick-walled enclosures, M threads



highest degree of protection - IP68 (factory-mounted O-ring)



for indoor and outdoor use

MECHANICAL DATA

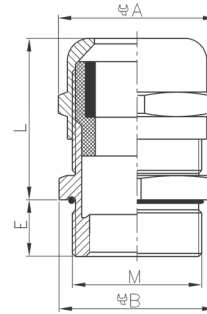
Material	body: nickel-plated brass; sealing ring: neoprene; clamping insert: PA 6; o-ring: NBR
Halogen-free	yes
Operating temperature [°C]	-40 ÷ +100

CERTIFICATES & STANDARDS

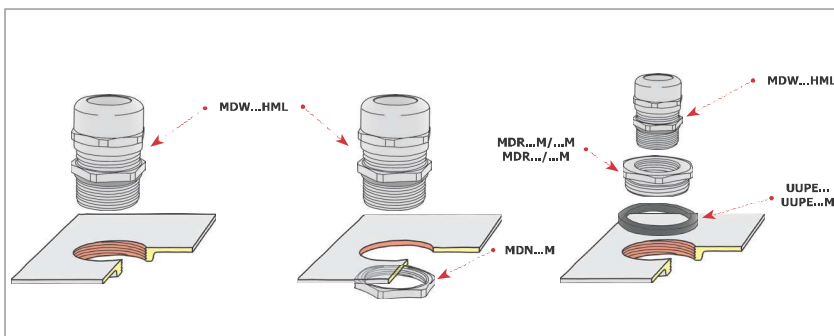
IP degree of protection	IP68
Standards	EN 50262; type A

NOTE!

MDN Nuts are to be ordered separately.



Type	E	L	For spanner A	For spanner B	M thread	Cable external diameter [mm]	Quantity in package [pcs]
MDW 12HML	12	20	14	14	M12x1,5	3÷6,5	10
MDW 16HML	12	21	17	18	M16x1,5	4÷8	10
MDW 20HML	12	22	22	22	M20x1,5	6÷12	10
MDW 25HML	12	24	24	27	M25x1,5	10÷14	10
MDW 32HML	15	28	30	34	M32x1,5	13÷18	10
MDW 40HML	15	32	40	43	M40x1,5	18÷25	10
MDW 50HML	15	38	50	55	M50x1,5	22÷32	1
MDW 63HML	18	44	64	68	M63x1,5	34÷44	1



Rubber grommet, BDE type

FEATURES & BENEFITS



popular rubber grommets



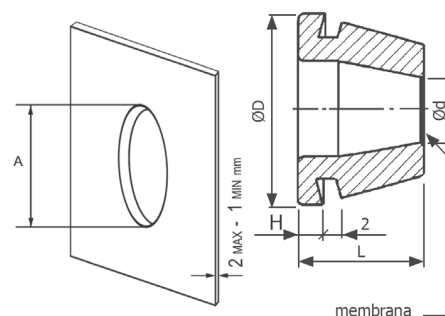
recommended for sheathed cables supplying portable receivers, e.g. welding cables

MECHANICAL DATA

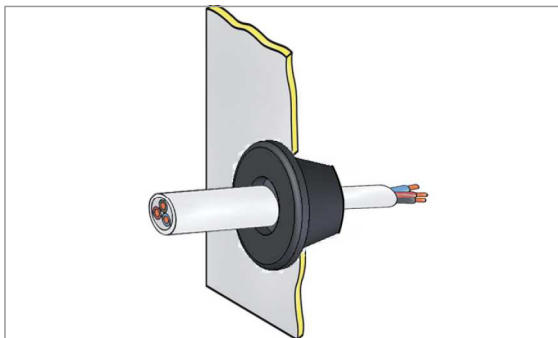
Material	SBR+NR rubber
Halogen-free	yes
Operating temperature [°C]	-30 ÷ +85

CERTIFICATES & STANDARDS

IP rating	IP30 minimum
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Type	A	D	d	H	L	Colour	Cable external diameter [mm]	Quantity in package [pcs]
BDE 11	16,5	24	7,0	4	30	black (RAL 9004)	6 ÷ 8	100
BDE 13	21	31	8,0	6	23	black (RAL 9004)	9 ÷ 12	100
BDE 16	23	34	10,5	6	23	black (RAL 9004)	11 ÷ 15	100
BDE 21	29	42	13,5	6	25	black (RAL 9004)	14 ÷ 18	100
BDE 29	38	50	17,0	7	30	black (RAL 9004)	18 ÷ 25	50
BDE 36	48	62	22,0	8	34	black (RAL 9004)	24 ÷ 34	20
BDE 42	55	63	31,0	8	39	black (RAL 9004)	31 ÷ 44	10
BDE 48	65	72	41,0	8	45	black (RAL 9004)	40 ÷ 54	10
BDE 54	78	85	51,0	8	50	black (RAL 9004)	52 ÷ 66	10
BDE 67	90	97	63,0	8	63	black (RAL 9004)	65 ÷ 78	10
BDE 11WT	16,5	24	7,0	4	30	white (RAL 9001)	6 ÷ 8	100
BDE 13WT	21	31	8,0	6	23	white (RAL 9001)	9 ÷ 12	100
BDE 16WT	23	34	10,5	6	23	white (RAL 9001)	11 ÷ 15	100
BDE 21WT	29	42	13,5	6	25	white (RAL 9001)	14 ÷ 18	100
BDE 29 WT	38	50	17,0	7	30	white (RAL 9001)	18 ÷ 25	50
BDE 36 WT	48	62	22,0	8	34	white (RAL 9001)	24 ÷ 34	20
BDE 42 WT	55	63	31,0	8	39	white (RAL 9001)	31 ÷ 44	10
BDE 48 WT	65	72	41,0	8	45	white (RAL 9001)	40 ÷ 54	10
BDE 54 WT	78	85	51,0	8	50	white (RAL 9001)	52 ÷ 66	10
BDE 67 WT	90	97	63,0	8	63	white (RAL 9001)	65 ÷ 78	10



Cable grommet, HV type

FEATURES & BENEFITS

- ☒ plastic grommets
- ☒ protection of cables routed through holes in boxes/switchgear, particularly ones made of metal
- ☒ snap-fastening

LOGISTIC DATA

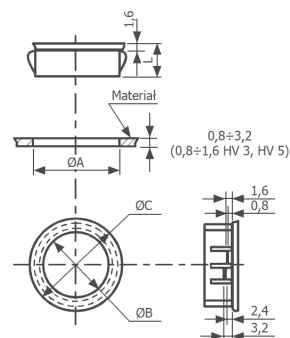
Quantity in package [pcs] 100

MECHANICAL DATA

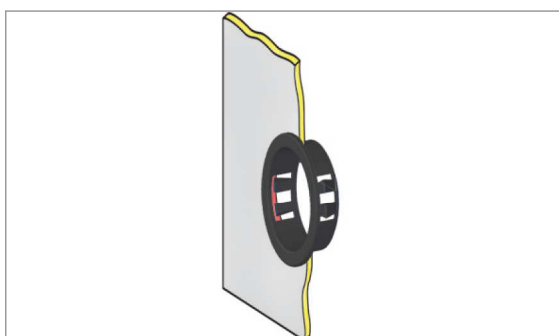
Material polyamide 6.6
 Halogen-free yes
 Operating temperature [°C] -40 ÷ +85

CERTIFICATES & STANDARDS

Flammability class UL 94 V2



Type	A	B	C	L	Colour
HV 3 BK	6,4	3,2	8,0	8,0	black
HV 5 BK	7,6	4,8	12,0	8,0	black
HV 6 BK	9,5	6,3	12,0	10,3	black
HV 8 BK	11,1	8,0	15,0	10,3	black
HV 9 BK	12,7	8,2	14,5	10,3	black
HV 12 BK	15,9	12,2	18,6	10,3	black
HV 15 BK	19,1	14,3	21,5	10,3	black
HV 16 BK	19,6	16,0	24,0	11,5	black
HV 19 BK	22,0	17,3	23,8	11,5	black
HV 21 BK	25,1	19,1	28,0	11,5	black
HV 24 BK	29,7	24,1	32,5	11,5	black
HV 29 BK	38,1	29,0	41,2	11,5	black
HV 6 WT	9,5	6,3	12,0	10,3	white
HV 8 WT	11,1	8,0	15,0	10,3	white
HV 12 WT	15,9	12,2	18,6	10,3	white
HV 16 WT	19,6	16,0	24,0	11,5	white



Hole plug, HP type

FEATURES & BENEFITS



plastic hole plugs



to plug temporarily unused holes



snap-fastening

LOGISTIC DATA

Quantity in package [pcs] 100

MECHANICAL DATA

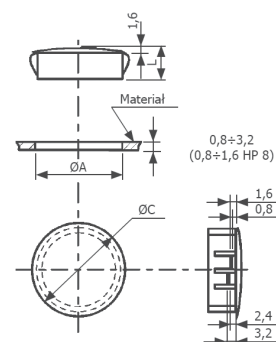
Material polyamide 6.6

Halogen-free yes

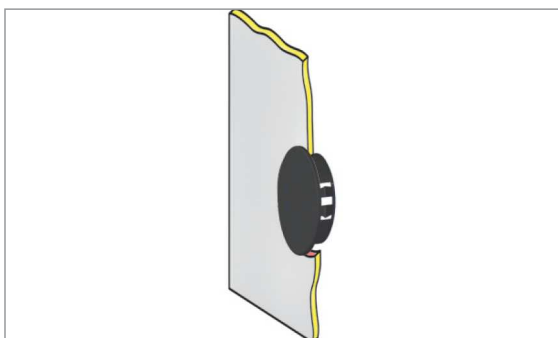
Operating temperature [°C] -40 ÷ +85

CERTIFICATES & STANDARDS

Flammability class UL 94 V2



Type	A	C	L	Colour
HP-8	7,9	11,9	8,0	black
HP-10	9,5	13,0	10,5	black
HP-11WT	11,1	15,0	10,5	white
HP-11	11,1	15,0	10,5	black
HP-13	12,7	16,9	10,5	black
HP-16	16,0	19,8	10,5	black
HP-19	19,1	22,9	10,5	black
HP-20WT	19,6	24,0	10,5	white
HP-20	19,6	24,0	10,5	black
HP-22	22,0	24,9	11,3	black
HP-25	25,1	28,3	11,5	black
HP-30	30,0	34,2	11,5	black



Flexible grommet, PV type

FEATURES & BENEFITS



popular rubber grommets



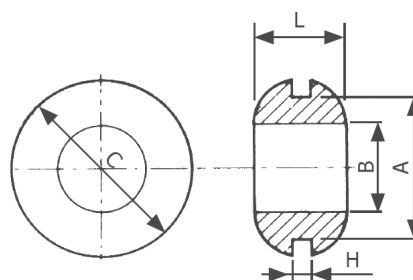
easy to use, low-cost cable protection

LOGISTIC DATA

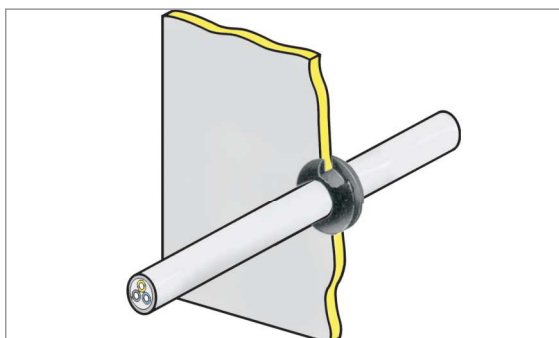
Quantity in package [pcs]	100
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MECHANICAL DATA

Material	PCV
Colour	black
Operating temperature [°C]	-20 ÷ +80



Type	A	B	C	H	L
PV 3	4,8	3,2	6,4	1,6	6,4
PV 5	6,4	4,8	11,1	1,6	7,0
PV 6	9,5	6,4	14,2	1,6	6,4
PV 8	11,0	8,0	16,0	1,6	6,4
PV 8A	12,5	8,0	16,0	3,0	8,0
PV 10	12,5	9,5	17,0	1,6	7,0
PV 10A	12,5	9,5	17,0	3,0	8,8
PV 12	16,0	12,5	20,5	1,2	7,0
PV 16	19,0	16,0	24,0	1,6	6,0
PV 19	25,2	18,5	31,4	1,6	8,0
PV 25	31,0	24,9	38,0	1,6	7,8
PV 32	38,0	32,0	46,0	1,6	9,5
PV 32A	38,0	32,0	46,0	3,0	11,0
PV 45	50,0	45,0	60,0	1,6	10,0



Rubber grommets, GH type

FEATURES & BENEFITS



popular rubber grommets



easy to use, low-cost cable protection

LOGISTIC DATA

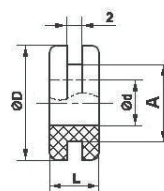
Quantity in package [pcs] 100

MECHANICAL DATA

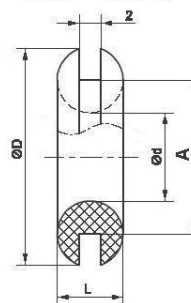
Material	SBR+NR rubber
Halogen-free	yes
Colour	black (RAL 9004)
Operating temperature [°C]	-30 ÷ +85



GH 6



GH 7 - GH 29



Type	A	D	d	L
GH 6	10,0	15	6,0	9,0
GH 7	13,0	20	8,0	6,5
GH 9	15,5	24	10,0	9,0
GH 11	21,0	28	13,5	9,0
GH 13	23,0	29	15,0	9,0
GH 16	25,0	31	16,0	9,0
GH 21	32,0	38	24,0	9,0
GH 29	38,0	45	30,0	10,0

