

HELUTOP® HT-MS-EX-d / e4

for armoured cables (copper or steel)



TECHNICAL DATA

Nickel plated brass EX cable gland

Temperature range -40°C to +100°C
Protection class IP 66 / IP 68

STRUCTURE

- Material: Brass, nickel plated
- Clamp: Polyamide (PA) 6
- Seal: Nitrile butadiene rubber (NBR)
- O-ring: Nitrile butadiene rubber (NBR)

PROPERTIES

- optimum strain relief through clamping lamella
- easy to assemble, time and cost savings
- watertight, dust-tight
- large clamping areas
- Explosive protection

TESTS

- Test standard EN 60079-0:2012, EN 60079-1:2007, EN 60079-7:2007, EN 60079-11:2012, EN 60079-31:2014, IEC 60079-0:2012, IEC 60079-1:2014, IEC 60079-7:2006, IEC 60079-11:2011, IEC 60079-31:2013

APPLICATION

- Zone 1
- Zone 2
- Zone 21
- Zone 22
- IIA
- IIB
- IIC

NOTES

- Stainless steel 1.4404 and other temperature ranges on request.
PVC shrouds and earth tags on request.
Certificate of Conformity: CESI 13 ATEX 033X
Marking: Ex II 2 GD, Exd IIC Gb / Exe IIC Gb, Extb IIIC Db
- Legend:
Dimensions
C - Corner dimension
H - Height
TD - Thread Diameter
TL - Thread Length
SZU - Spanner Size upper body
SZL - Spanner Size lower body
1 - Lower body
2 - Lower sealing ring
3 - O-Ring
4 - Grounding cone
5 - Swivel braid retainer
6 - Middle body
7 - Upper sealing ring
8 - Pressure cap

metric thread

Part no.	Size	Cable Ø from / to mm	Cable Ø Outer sheath from / to mm	Thread length mm	Spanner size SZL/SZU mm	Angle size mm	Height mm	Packaging unit (in pc.)
906965	M16 x 1.5	3.0 - 8.5	6.00 - 12.00	16.0	22 / 26	29.0	49.5	35
906966	M16 x 1.5	6.0 - 12.0	8.50 - 16.00	16.0	25 / 29	31.5	52	35
906967	M20 x 1.5	3.0 - 8.0	6.00 - 12.00	16.0	24 / 26	29.0	50	35
906968	M20 x 1.5	6.0 - 11.5	8.50 - 16.00	16.0	25 / 29	31.5	51.5	35
906970	M25 x 1.5	6.0 - 11.5	8.50 - 16.00	18.0	29 / 29	31.5	52.5	35
906972	M25 x 1.5	12.0 - 19.0	16.00 - 26.00	18.0	36 / 40	44.0	63	20
906973	M32 x 1.5	12.0 - 19.0	16.00 - 26.00	18.0	40 / 40	44.0	64	20
906974	M32 x 1.5	15.0 - 25.0	20.00 - 33.00	18.0	48 / 52	57.0	81	12
906975	M40 x 1.5	15.0 - 25.0	20.00 - 33.00	18.0	48 / 52	57.0	81	12
906976	M40 x 1.5	20.0 - 31.0	29.00 - 41.00	18.0	55 / 60	66.0	92	12

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Part no.	Size	Cable Ø from / to mm	Cable Ø Outer sheath from / to mm	Thread length mm	Spanner size SZL/SZU mm	Angle size mm	Height mm	Packaging unit (in pc.)
906977	M50 x 1.5	22.0 - 34.0	33.00 - 48.00	18.0	60 / 70	83.0	100	6
906978	M50 x 1.5	27.0 - 40.0	36.00 - 52.00	18.0	70 / 70	81.8	104.5	12
906979	M63 x 1.5	35.0 - 44.0	43.00 - 57.00	20.0	75 / 80	89.5	109.5	5
906980	M63 x 1.5	40.0 - 50.0	47.00 - 60.00	20.0	85 / 85	94.0	111.5	5
906981	M75 x 1.5	40.0 - 50.0	47.00 - 60.00	20.0	85 / 85	94.0	111.5	4