

Connector~Tech

www.connectortech.com.au

Providing

Harsh Environment Connector

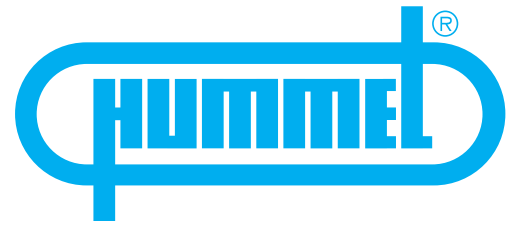
SOLUTIONS



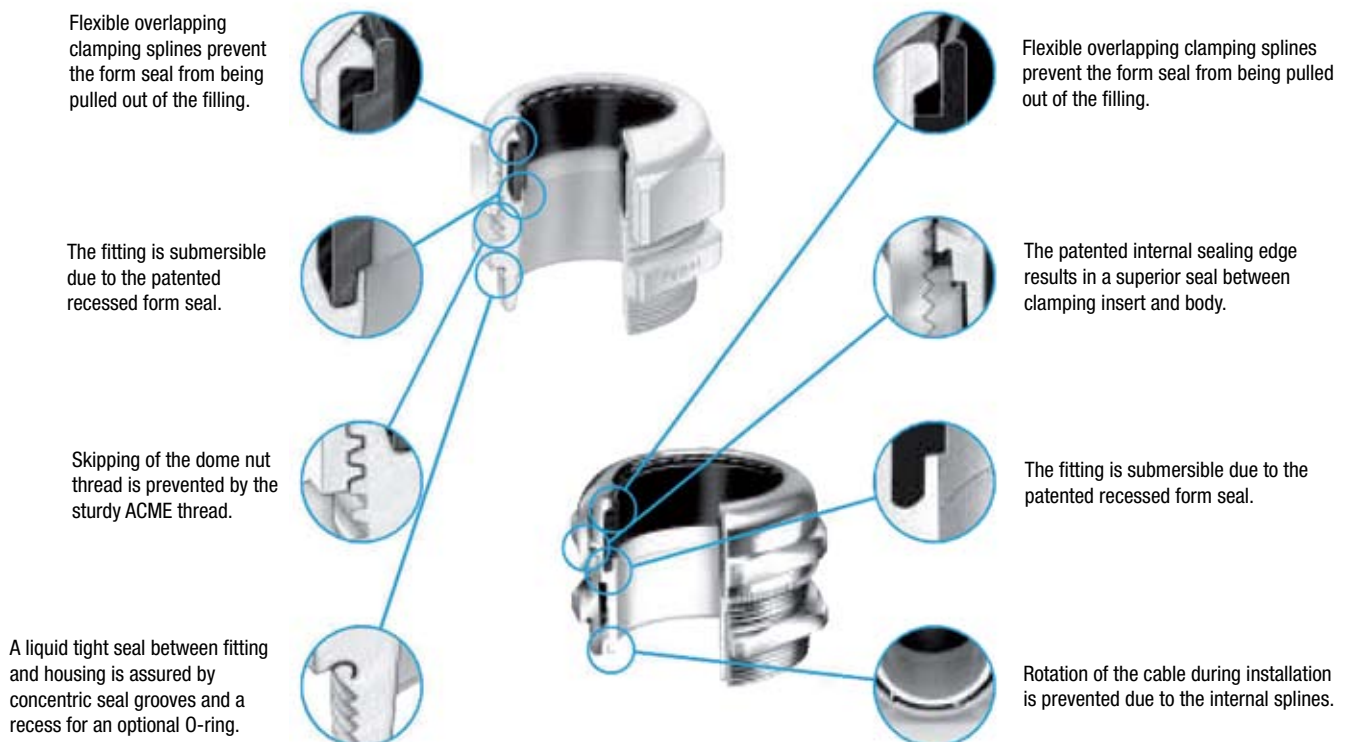
CABLE GLANDS

Connector~Tech is a Division of:
Colourview Electronics (QLD) Pty Ltd (ABN 99 065 191 424)
Unit 2, 8 Colebard St East, Acacia Ridge Qld 4110. PO Box 285 Archerfield Qld 4108
Telephone: +61 7 3275 3188 Freecall 1800 803 166 Fax: +61 7 3275 3033
Email info@connectortech.com.au Web www.connectortech.com.au

HSK Standard

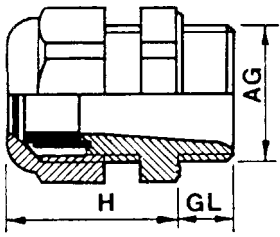


- + Halogen - and phosphor - free
- + Fire protection class V0 according to UL 94
- + Liquid tight per NEMA 4x & 6 to 150 PSIG (IP 68 to 10 bar)
- + Patented ratchet and spline secures the dome nut on the body



HSK-K

Metric/Metric-elongated



Material PA (Nylon) VO according to UL 94
Seal Buna-N
Protection IP 68 - 10 bar (NEMA 6 - 150 PSIG) within the specified clamping range only with optional O-ring.
Operating temperature static -40°C to +100°C (-40°F to +212°F)
 short time exposure 120°C (248°F)
 dynamic -20°C to 80°C (-4°F to 176°F)
Colours Grey RAL 7035
 Black RAL 9005
 Blue 5012 for the intrinsically safe range.

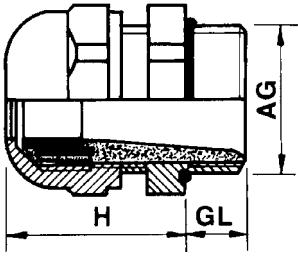
AG	Ø mm	H mm	mm	Standard Thread	GL mm	Long Thread	GL mm
M 12 x 1,5	3 - 6,5	21	15	1.209.1201.50	8	1.209.1201.30	15
M 16 x 1,5	4 - 8	22	19	1.209.1601.50	8	1.209.1601.30	15
M 16 x 1,5	2 - 6	22	19	1.209.1601.51	8	1.209.1601.31	15
M 16 x 1,5	5 - 10	25	22	1.219.1601.50	8	1.219.1601.30	15
M 20 x 1,5	6 - 12	27	24	1.209.2001.50	9	1.209.2001.30	15
M 20 x 1,5	5 - 9	27	24	1.209.2001.51	9	1.209.2001.31	15
M 20 x 1,5	10 - 14	28	27	1.219.2001.50	9	1.219.2001.30	15
M 25 x 1,5	13 - 18	31	33	1.209.2501.50	11	1.209.2501.30	15
M 25 x 1,5	9 - 16	31	33	1.209.2501.51	11	1.209.2501.31	15
M 32 x 1,5	18 - 25	39	42	1.209.3201.50	11	1.209.3201.30	15
M 32 x 1,5	13 - 20	39	42	1.209.3201.51	11	1.209.3201.31	15
M 40 x 1,5	22 - 32	48	53	1.209.4001.50	13	1.209.4001.30	18
M 40 x 1,5	20 - 26	48	53	1.209.4001.51	13	1.209.4001.31	18
M 50 x 1,5	32 - 38	49	60	1.209.5001.50	13	1.209.5001.30	18
M 50 x 1,5	25 - 31	49	60	1.209.5001.51	13	1.209.5001.31	18
M 63 x 1,5	37 - 44	49	65/68	1.209.6301.50	14	1.209.6301.30	18
M 63 x 1,5	29 - 35	49	65/68	1.209.6301.51	14	1.209.6301.31	18
M 12 x 1,5	3 - 7	22	15	1.218.1201.50	8	1.218.1201.30	15
M 16 x 1,5	4,5 - 10	26	19	1.218.1601.50	8	1.218.1601.30	15
M 20 x 1,5	7 - 13	29	24	1.218.2001.50	9	1.218.2001.30	15
M 25 x 1,5	9 - 17	33,5	30	1.218.2501.50	10	1.218.2501.30	15
M 32 x 1,5	11 - 21	41	36	1.218.3201.50	10	1.218.3201.30	15
M 40 x 1,5	19 - 28	46,5	46	1.218.4001.50	12	1.218.4001.30	18
M 50 x 1,5	27 - 35	52	55	1.218.5001.50	12	1.218.5001.30	18
M 63 x 1,5	34 - 48	57,5	68	1.218.6301.50	12	1.218.6301.30	18

Grey or blue on request



HSK-K

PG/PG-elongated



Material Seal Protection

PA (Nylon) VO according to UL 94
Buna-N
IP 68 - 10 bar (NEMA 6 - 150 PSIG)
within the specified clamping range only with optional O-ring.

Operating temperature

static -40°C to +100°C (-40°F to +212°F)
short time exposure 120°C (248°F)
dynamic -20°C to 80°C (-4°F to 176°F)
short time exposure 100°C (212°F)

Colours

Grey RAL 7035
Black RAL 9005
Blue 5012 for the intrinsically safe range.

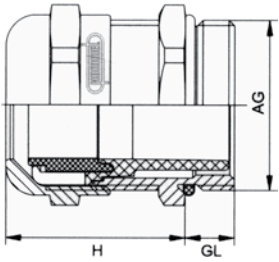
AG PG	Ø mm	H mm	mm	Standard Thread	GL mm	Long Thread	GL mm
7	3 - 6,5	21	15	1.209.0701.14	8	1.209.0701.60	15
7	2 - 5	21	15	1.209.0701.15	8	1.209.0701.61	15
9	4 - 8	22	19	1.209.0901.14	8	1.209.0901.60	15
9	2 - 6	22	19	1.209.0901.15	8	1.209.0901.61	15
11	5 - 10	25	22	1.209.1101.14	8	1.209.1101.60	15
11	3 - 7	25	22	1.209.1101.15	8	1.209.1101.61	15
13,5	6 - 12	27	24	1.209.1301.14	9	1.209.1301.60	15
13,5	5 - 9	27	24	1.209.1301.15	9	1.209.1301.61	15
16	10 - 14	28	27	1.209.1601.14	10	1.209.1601.60	15
16	7 - 12	28	27	1.209.1601.15	10	1.209.1601.61	15
21	13 - 18	31	33	1.209.2101.14	11	1.209.2101.60	15
21	9 - 16	31	33	1.209.2101.15	11	1.209.2101.61	15
29	18 - 25	39	42	1.209.2901.14	11	1.209.2901.60	15
29	13 - 20	39	42	1.209.2109.15	11	1.209.2901.61	15
36	22 - 32	48	53	1.209.3601.14	13	1.209.3601.60	18
36	20 - 26	48	53	1.209.3601.15	13	1.209.3601.61	18
42	32 - 38	49	60	1.209.4201.14	13	1.209.4201.60	18
42	25 - 31	49	60	1.209.4201.15	13	1.209.4201.61	18
48	37 - 44	49	65	1.209.4801.14	14	1.209.4801.60	18
48	29 - 35	49	65	1.209.4801.15	14	1.209.4801.61	18

Grey or blue on request



HSK-M

Metric/Metric-elongated



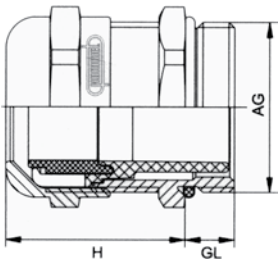
Material	Nickel plated brass
Clamping insert	PA
Seal	Buna-N
O-Ring	Buna-N
Protection	IP 68 - 10 bar within the specified clamping range.
Operating Temperature	-40°C to 100°C (-40°F to +212°F)
	Short time exposure 120°C (248°F)

AG	Ø mm	H mm	mm	Standard Thread	GL mm	Long Thread	GL mm
M 12 x 1,5	3 - 6,5	19	14	1.609.1200.50	5	1.609.1200.30	10
M 12 x 1,5	2 - 5	19	14	1.609.1200.51	5	1.609.1200.31	10
M 16 x 1,5	4 - 8	21	17/19	1.609.1600.50	6	1.609.1600.30	10
M 16 x 1,5	2 - 6	21	17/19	1.609.1600.51	6	1.609.1600.31	10
M 16 x 1,5	5 - 10	22	20	1.609.1611.50	6	1.609.1611.30	10
M 16 x 1,5	3 - 7	22	20	1.609.1611.51	6	1.609.1611.31	10
M 20 x 1,5	6 - 12	23	22	1.609.2000.50	6	1.609.2000.30	10
M 20 x 1,5	5 - 9	23	22	1.609.2000.51	6	1.609.2000.31	10
M 20 x 1,5	10 - 14	24	24	1.609.2016.50	6	1.609.2016.30	10
M 20 x 1,5	7 - 12	24	24	1.609.2016.51	6	1.609.2016.31	10
M 25 x 1,5	13 - 18	26	30	1.609.2500.50	7	1.609.2500.30	12
M 25 x 1,5	9 - 16	26	30	1.609.2500.51	7	1.609.2500.31	12
M 32 x 1,5	18 - 25	31	40	1.609.3200.50	8	1.609.3200.30	12
M 32 x 1,5	13 - 20	31	40	1.609.3200.51	8	1.609.3200.31	12
M 40 x 1,5	22 - 32	37	50	1.609.4000.50	8	1.609.4000.30	15
M 40 x 1,5	20 - 26	37	50	1.609.4000.51	8	1.609.4000.31	15
M 50 x 1,5	32 - 38	37	57	1.609.5000.50	9	1.609.5000.30	15
M 50 x 1,5	25 - 31	37	57	1.609.5000.51	9	1.609.5000.31	15
M 63 x 1,5	37 - 44	38	64/68	1.609.6300.50	10	1.609.6300.30	15
M 63 x 1,5	29 - 35	38	64/68	1.609.6300.51	10	1.609.6300.31	15



HSK-M

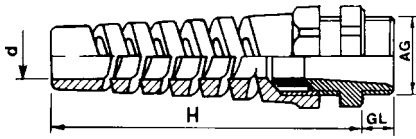
PG/PG-elongated



Material Nickel plated brass
Clamping insert PA (Nylon)
Seal Buna-N
O-Ring Buna-N
Protection IP 68 - 10 bar (NEMA 6 - 150 PSIG) within the specified clamping range.
Operating Temperature -40°C to 100°C (-40°F to +212°F)
 Short time exposure 120°C (248°F)

AG PG	Ø mm	H mm	mm	Standard Thread	GL mm	Long Thread	GL mm
7	3 - 6,5	19	14	1.609.0700.01	5	1.609.0700.60	10
7	2 - 5	19	14	1.609.0700.15	5	1.609.0700.61	10
9	4 - 8	21	17	1.609.0900.01	6	1.609.0900.60	10
9	2 - 6	21	17	1.609.0900.15	6	1.609.0900.61	10
11	5 - 10	22	20	1.609.1100.01	6	1.609.1100.60	10
11	3 - 7	22	20	1.609.1100.15	6	1.609.1100.61	10
13,5	6 - 12	24	22	1.609.1300.01	6,5	1.609.1300.60	10
13,5	5 - 9	24	22	1.609.1300.15	6,5	1.609.1300.61	10
16	10 - 14	23	24	1.609.1600.01	6,5	1.609.1600.60	10
16	7 - 12	23	24	1.609.1600.15	6,5	1.609.1600.61	10
21	13 - 18	24	30	1.609.2100.01	7	1.609.2100.60	12
21	9 - 16	24	30	1.609.2100.15	7	1.609.2100.61	12
29	18 - 25	29	40	1.609.2900.01	8	1.609.2900.60	12
29	13 - 20	29	40	1.609.2900.15	8	1.609.2900.61	12
36	22 - 32	35	50	1.609.3600.01	8	1.609.3600.60	15
36	20 - 26	35	50	1.609.3600.15	8	1.609.3600.61	15
42	32 - 38	37	57	1.609.4200.01	9	1.609.4200.60	15
42	25 - 31	37	57	1.609.4200.15	9	1.609.4200.61	15
48	37 - 44	38	64	1.609.4800.01	10	1.609.4800.60	15
48	29 - 35	38	64	1.609.4800.15	10	1.609.4800.61	15





Material

PA (Nylon)

Seal

Buna-N

Protection

IP 68 - 10 bar (NEMA 6 - 150 PSIG) within the specified clamping range only with optional O-ring.

Operating temperature

static -40°C to +100°C (-40°F to +212°F)
short time exposure 120°C (248°F)
dynamic -20°C to 80°C (-4°F to 176°F)
short time exposure 100°C (212°F)

Colours

Grey RAL 7035
Black RAL 9005

AG	mm	H mm	d mm	mm	Standard Thread	GL mm	Long Thread	GL mm
M 12 x 1,5	3 - 6,5	54	7	15	1.293.1201.50	8		
M 12 x 1,5	2 - 5	54	7	15	1.293.1201.51	8		
M 16 x 1,5	4 - 8	63	8,5	19	1.293.1601.50	8		
M 16 x 1,5	2 - 6	63	8,5	19	1.293.1601.51	8		
M 16 x 1,5	5 - 10	78	10,5	22	1.294.1601.50	8		
M 16 x 1,5	3 - 7	78	10,5	22	1.294.1601.51	8		
M 20 x 1,5	6 - 12	90	13	24	1.293.2001.50	9		
M 20 x 1,5	5 - 9	90	13	24	1.293.2001.51	9		
M 20 x 1,5	10 - 14	100	15,5	27	1.294.2001.50	9		
M 20 x 1,5	7 - 12	100	15,5	27	1.294.2001.51	9		
M 25 x 1,5	13 - 18	114	20	33	1.293.2501.50	11		
M 25 x 1,5	9 - 16	114	20	33	1.293.2501.51	11		
7	3 - 6,5	54	7	15	1.293.0701.14	8	1.293.0701.60	15
7	2 - 5	54	7	15	1.293.0701.15	8	1.293.0701.61	15
9	4 - 8	63	8,5	19	1.293.0901.14	8	1.293.0901.60	15
9	2 - 6	63	8,5	19	1.293.0901.15	8	1.293.0901.61	15
11	5 - 10	78	10,5	22	1.293.1101.14	8	1.293.1101.60	15
11	3 - 7	78	10,5	22	1.293.1101.15	8	1.293.1101.61	15
13,5	6 - 12	90	13	24	1.293.1301.14	9	1.293.1301.60	15
13,5	5 - 9	90	13	24	1.293.1301.15	9	1.293.1301.61	15
16	10 - 14	100	15,5	27	1.293.1601.14	10	1.293.1601.60	15
16	7 - 12	100	15,5	27	1.293.1601.15	10	1.293.1601.61	15
21	13 - 18	114	20	33	1.293.2101.14	11	1.293.2101.60	15
21	9 - 16	114	20	33	1.293.2101.15	11	1.293.2101.61	15



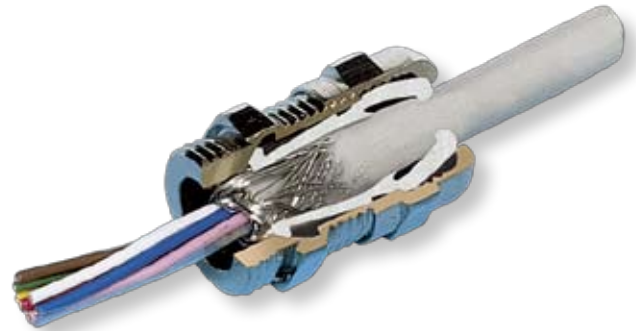
Assembly Instruction

HSK-M-EMV-D

Option 1

Feed through of cable and shield (braided or foil)

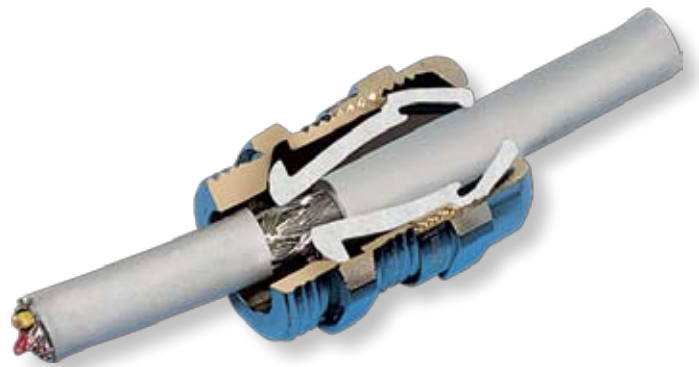
- + expose shield approximately 7/16" (10 mm)
- + insert cable into fitting until the shield reaches the contact position.
- + tighten dome nut.



Option 2

Feed through of cable and shield (braided or foil)

- + remove cable jacket to expose shield as required.
- + insert cable into fitting until the shield reaches the contact position.
- + tighten dome nut.



Option 3

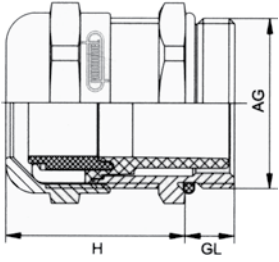
Termination of the braided shield in the fitting

- + strip cable jacket and braided shield to different lengths.
- + for small diameter cables fold the braided shield back over the cable jacket.
- + Insert cable into fitting until the shield reaches the contact position.
- + tighten dome nut.



HSK-M-EMV-D

Pg/Metric/Metric-elongated



Material Nickel plated brass
Clamping insert PA (Nylon)
Seal Buna-N
O-Ring Buna-N
Protection IP 68 - 10 bar (NEMA 6 - 150 PSIG) within the specified clamping range.
Operating Temperature -40°C to 100°C (-40°F to +212°F)
 Short time exposure 120°C (248°F)

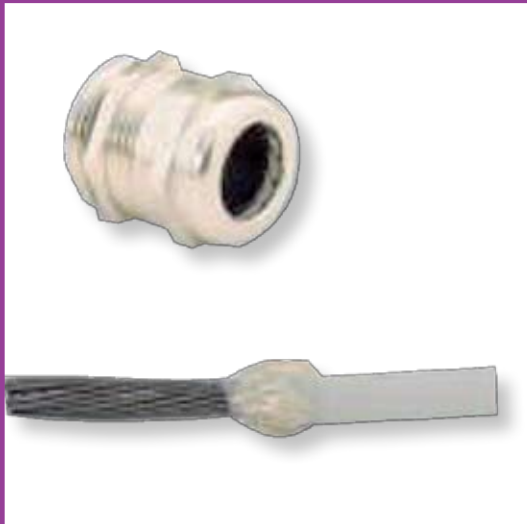

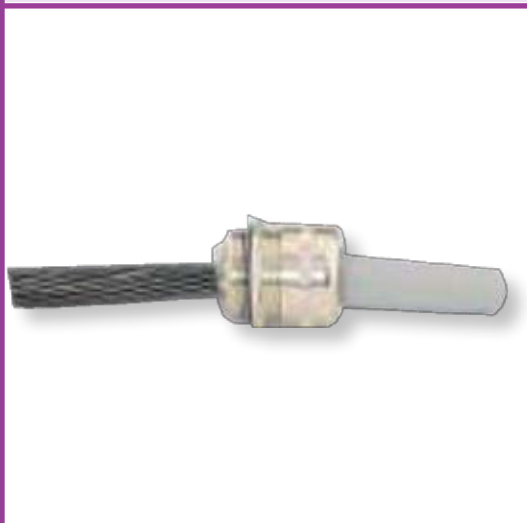
AG	mm	H mm	mm	Standard Thread	GL mm	Long Thread	GL mm
M 12 x 1,5	3 - 6,5	25	14	1.631.1200.50	5	1.631.1200.30	10
M 16 x 1,5	5 - 10	32	20	1.631.1600.50	6	1.631.1600.30	10
M 20 x 1,5	10 - 14	33	24	1.631.2000.50	6	1.631.2000.30	10
M 25 x 1,5	13 - 18	39	30	1.631.2500.50	7	1.631.2500.30	12
M 32 x 1,5	18 - 25	45	40	1.631.3200.50	8	1.631.3200.30	12
M 40 x 1,5	24 - 32	51	50	1.631.4000.50	8	1.631.4000.30	15
M 50 x 1,5	32 - 38	57,5	57	1.631.5000.50	9		
M 63 x 1,5	37 - 44	52	64/68	1.631.6300.50	10		
7	3 - 6,5	24	14	1.631.0700.01	5		
9	4 - 8	28	17	1.631.0900.01	6		
11	5 - 10	29	20	1.631.1100.01	6		
13,5	6 - 12	31	22	1.631.1300.01	6,5		
16	10 - 14	32	24	1.631.1600.01	6,5		
21	13 - 18	38	30	1.631.2100.01	7		
29	18 - 25	43	40	1.631.2900.01	8		
36	24 - 32	48	50	1.631.3600.01	8		
42	32 - 38	45	57	1.631.4200.01	9		
48	37 - 44	46	64	1.631.4800.01	10		

Assembly Instruction page 8



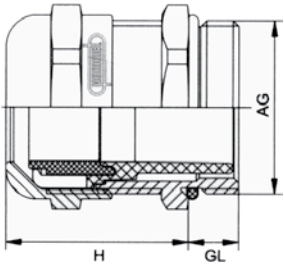
Assembly Instruction

HSK-M-EMV

 <p>The image shows a brass dome nut and a cable with a clamping insert. The dome nut is a cylindrical component with a threaded top and a flat bottom. The cable is a braided shield with a clamping insert attached to its end.</p>	<p>Step 1</p> <ul style="list-style-type: none">+ Strip cable+ expose braided shield
<p>Step 2</p> <ul style="list-style-type: none">+ feed cable through dome nut and clamping insert+ fold braided shield over clamping insert and O-ring+ make sure that braided shield overlaps the O-ring by 3/32" (2mm)	 <p>The image shows the cable inserted into the dome nut. The braided shield is folded over the clamping insert and the O-ring. The dome nut is positioned over the cable, and the braided shield is visible overlapping the O-ring.</p>
 <p>The image shows the final assembly. The cable is inserted into the dome nut, and the braided shield is folded over the clamping insert and the O-ring. The dome nut is tightened, and the assembly is finished.</p>	<p>Step 3</p> <ul style="list-style-type: none">+ push clamping insert into body and tighten dome nut+ assemble into housing finished!

HSK-M-EMV

Metric/Metric-elongated



Material Nickel plated brass
Clamping insert PA (Nylon)
Seal Buna-N
O-Ring Buna-N
Protection IP 68 - 10 bar
 within the specified clamping range.
Operating Temperature -40°C to 100°C (-40°F to +212°F)
 Short time exposure 120°C (248°F)

Flex-version available

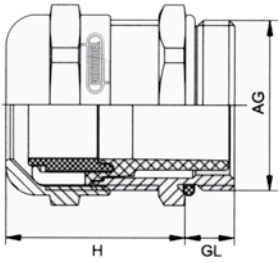
AG	Ø mm	H mm	mm	Standard Thread	GL mm	Long Thread	GL mm
M 12 x 1,5	3 - 6,5	19	14	1.691.1200.50	5	1.691.1200.30	10
M 12 x 1,5	2 - 5	19	14	1.691.1200.51	5	1.691.1200.31	10
M 16 x 1,5	5 - 10	22	20	1.691.1600.50	6	1.691.1600.30	10
M 16 x 1,5	3 - 7	22	20	1.691.1600.51	6	1.691.1600.31	10
M 20 x 1,5	10 - 14	23	24	1.691.2000.50	6	1.691.2000.30	10
M 20 x 1,5	7 - 12	23	24	1.691.2000.51	6	1.691.2000.31	10
M 25 x 1,5	13 - 18	24	30	1.691.2500.50	7	1.691.2500.30	12
M 25 x 1,5	9 - 16	24	30	1.691.2500.51	7	1.691.2500.31	12
M 32 x 1,5	18 - 25	31	40	1.691.3200.50	8	1.691.3200.30	12
M 32 x 1,5	13 - 20	31	40	1.691.3200.51	8	1.691.3200.31	12
M 40 x 1,5	22 - 32	37	50	1.691.4000.50	8	1.691.4000.30	15
M 40 x 1,5	20 - 26	37	50	1.691.4000.51	8	1.691.4000.31	15
M 50 x 1,5	32 - 38	37	57	1.691.5000.50	9		
M 50 x 1,5	25 - 31	37	57	1.691.5000.51	9		
M 63 x 1,5	37 - 44	38	64/68	1.691.6300.50	10		
M 63 x 1,5	29 - 35	38	64/68	1.691.6300.51	10		



Assembly Instruction page 10

HSK-M-EMV

PG/PG-elongated



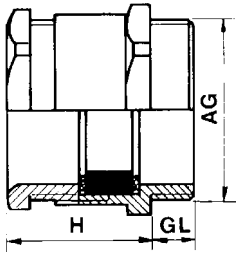
Material	Nickel plated brass
Clamping insert	PA (Nylon)
Seal	Buna-N
O-Ring	Buna-N
Protection	IP 68 - 10 bar within the specified clamping range.
Operating Temperature	-40°C to 100°C (-40°F to +212°F) Short time exposure 120°C (248°F)

Flex-version available

AG PG	Ø mm	H mm	Wrench mm	Standard Thread	GL mm	Long Thread	GL mm
7	3 - 6,5	19	14	1.691.0700.01	5	1.691.0700.60	10
7	2 - 5	19	14	1.691.0700.15	5	1.691.0700.61	10
9	4 - 8	21	17	1.691.0900.01	6	1.691.0900.60	10
9	2 - 6	21	17	1.691.0900.15	6	1.691.0900.61	10
11	5 - 10	22	20	1.691.1100.01	6	1.691.1100.60	10
11	3 - 7	22	20	1.691.1100.15	6	1.691.1100.61	10
13,5	6 - 12	24	22	1.691.1300.01	6,5	1.691.1300.60	10
13,5	5 - 9	24	22	1.691.1300.15	6,5	1.691.1300.61	10
16	10 - 14	23	24	1.691.1600.01	6,5	1.691.1600.60	10
16	7 - 12	23	24	1.691.1600.15	6,5	1.691.1600.61	10
21	13 - 18	24	30	1.691.2100.01	7	1.691.2100.60	12
21	9 - 16	24	30	1.691.2100.15	7	1.691.2100.61	12
29	18 - 25	29	40	1.691.2900.01	8	1.691.2900.60	12
29	13 - 20	29	40	1.691.2900.15	8	1.691.2900.61	12
36	22 - 32	35	50	1.691.3600.01	8	1.691.3600.60	15
36	20 - 26	35	35	1.691.3600.15	8	1.691.3600.61	15
42	32 - 38	37	57	1.691.4200.01	9	1.691.4200.60	15
42	25 - 31	37	57	1.691.4200.15	9	1.691.4200.61	15
48	37 - 44	38	64	1.691.4800.01	10	1.691.4800.60	15
48	29 - 35	38	64	1.691.4800.15	10	1.691.4800.61	15

Assembly Instruction page 10





Materials	Nickel-plated brass
	Polyamide
Seal	Neoprene
Protection	IP 54
Colour FS	grey RAL 7035

Strain relief connector for flat cables


With universal insert edge, adapts cable. Strain relief connector is available in three types:

Flat strain relief connector-MS

Material: Nickel plated brass.
Operating temperature: -20°C to +80°C (-4°F to +176°F)

Flat strain relief connector -FS/PA

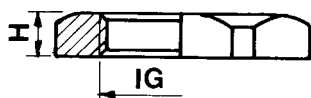
Glass-fibre reinforced polyamide, chemically resistant.
Operating temperature: -20°C to +80°C (-4°F to +176°F)

AG Pg	Material	GL mm	H mm	 mm	mm	Part Number
16	Nickel Plated Brass	6,5	21,5	24/22	-5 x -16	1.109.1600.01
21	Nickel Plated Brass	7	24	30/28	3-8 x 9-21	1.109.2100.01
29	Nickel Plated Brass	8	26	40/37	4-11,5 x 14-30	1.109.2900.01
36	Nickel Plated Brass	9	30	50/47	4-11,5 x 24-40	1.109.3600.01
42	Nickel Plated Brass	10	34	57/54	5-12 x 29-45	1.109.4200.01
48	Nickel Plated Brass	10	37	64/60	5-12 x 34-50	1.109.4800.01
16	Polyamide	10	22,5	27/23	-5 x -15	1.109.1600.11
21	Polyamide	11	28	33/30	3-8 x 9-21	1.109.2100.11
29	Polyamide	11	28,5	42/40	4-11,5 x 14-27	1.109.2900.11
36	Polyamide	13	32	53/50	4-11,5 x 24-34	1.109.3600.11
42	Polyamide	13	36	60/55	5-12 x 29-40	1.109.4200.11
48	Polyamide	14	36	65/60	5-12 x 34-45	1.109.4800.11



GM-FS Locknut Nylon

Metric/PG/NPT



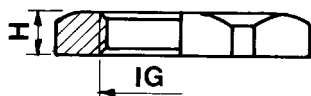
Material PA
Operating Temperature -40°C to 100°C (-40°F to +212°F)
 Short time exposure 120°C (248°F)
Colour black RAL 9005

IG	H mm	mm	Part Number PA Black
M 12 x 1,5	5	17	1.262.1201.50
M 16 x 1,5	5	22	1.262.1601.50
M 20 x 1,5	6	27	1.262.2001.50
M 25 x 1,5	7	36	1.262.2501.50
M 32 x 1,5	7	41	1.262.3201.50
M 40 x 1,5	7	50	1.262.4001.50
M 50 x 1,5	8	60	1.262.5001.50
M 63 x 1,5	8	75	1.262.6301.50
PG 7	5	19	1.262.0701.11
PG 9	5	22	1.262.0901.11
PG 11	5	24	1.262.1101.11
PG 13,5	6	27	1.262.1301.11
PG 16	6	30	1.262.1601.11
PG 21	7	36	1.262.2101.11
PG 29	7	46	1.262.2901.11
PG 36	8	60	1.262.3601.11
PG 42	8	65	1.262.4201.11
PG 48	8	70	1.262.4801.11
3/8" NPT	7	24	1.262.3801.70
1/2" NPT	6	27	1.262.1201.70
3/4" NPT	7	32	1.262.3401.70
1" NPT	7	40	1.262.1001.70



GM-MS Locknut Metal

Metric/PG

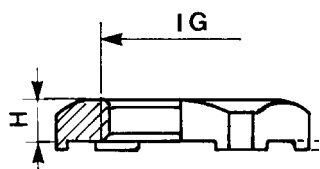


Material Nickel plated brass

IG	H mm	mm	Part Number Metal
M 12 x 1,5	2,8	15	1.161.1200.50
M 16 x 1,5	2,8	19	1.161.1600.50
M 20 x 1,5	3,0	23	1.161.2000.50
M 25 x 1,5	3,5	29	1.161.2500.50
M 32 x 1,5	4,0	36	1.161.3200.50
M 40 x 1,5	4,5	45	1.161.4000.50
M 50 x 1,5	5,5	55	1.161.5000.50
M 63 x 1,5	6,0	70	1.161.6300.50
PG 7	2,8	15	1.161.0700.01
PG 9	2,8	18	1.161.0900.01
PG 11	3,0	21	1.161.1100.01
PG 13,5	3,0	23	1.161.1300.01
PG 16	3,0	26	1.161.1600.01
PG 21	3,5	32	1.161.2100.01
PG 29	4,0	41	1.161.2900.01
PG 36	5,0	51	1.161.3600.01
PG 42	5,0	60	1.161.4200.01
PG 48	5,5	64	1.161.4800.01



GM-EMV Locknut for EMC Glands Metric/PG



Material Nickel plated brass

Jam nut for reliable grounding with edges cutting through coated surfaces

IG	H mm	mm	S mm	Part Number
M 12 x 1,5	2,8	15	0,7	1.167.1200.50
M 16 x 1,5	2,8	19	0,7	1.167.1600.50
M 20 x 1,5	3,0	24	0,7	1.167.2000.50
M 25 x 1,5	3,5	30	0,7	1.167.2500.50
M 32 x 1,5	4,5	36	0,7	1.167.3200.50
M 40 x 1,5	5,0	46	0,7	1.167.4000.50
M 50 x 1,5	5,0	60	0,7	1.167.5000.50
M 63 x 1,5	6,0	70	0,7	1.167.6300.50
PG 7	2,8	15	0,7	1.167.0700.01
PG 9	2,8	18	0,7	1.167.0900.01
PG 11	3,0	21	0,7	1.167.1100.01
PG 13,5	3,0	23	0,7	1.167.1300.01
PG 16	3,0	26	0,7	1.167.1600.01
PG 21	3,5	32	0,7	1.167.2100.01
PG 29	4,0	41	0,7	1.167.2900.01
PG 36	5,0	51	0,7	1.167.3600.01
PG 42	5,0	60	0,7	1.167.4200.01
PG 48	5,5	64	0,7	1.167.4800.01



Reducers PG

Enlargers PG

Reducers PG

Large outer thread
Small inner thread

A reducer is used if the dimensions of existing tapped holes are too large for a given gland.

Material Nickel plated brass

Enlargers PG

Small outer thread
Large inner thread

Material = Nickel plated brass

Reducers PG



Enlargers PG



Part No	Type PG outer PG inner
90642	RE 9/7
90643	RE 11/7
90644	RE 11/9
90645	RE 13,5/7
90646	RE 13,5/9
90647	RE 13,5/11
90648	RE 16/7
90649	RE 16/9
90650	RE 16/11
90651	RE 16/13,5
90652	RE 21/11
90653	RE 21/13,5
90654	RE 21/16
90655	RE 29/16
90656	RE 29/21
90657	RE 36/21
90658	RE 36/29
90659	RE 42/29
90660	RE 42/36
90661	RE 48/36
90662	RE 48/42

Part No	Type PG outer PG inner
90630	EN 7/9
90631	EN 9/11
90632	EN 9/13,5
90633	EN 11/13,5
90634	EN 11/16
90635	EN 13/16
90636	EN 13,5/21
90637	EN 16/21
90638	EN 21/29
90639	EN 29/36
90640	EN 36/42
90641	EN 42/48

Adapters



Adapters

Material
nickel plated brass

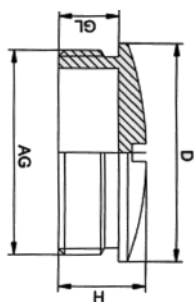
Adapters PG/METRIC		
Part No	PG outer thread	METRIC inner thread
94084	7	M 12 x 1,5
94085	7	M 16 x 1,5
94086	9	M 12 x 1,5
94087	9	M 16 x 1,5
94088	9	M 20 x 1,5
94089	11	M 12 x 1,5
94090	11	M 16 x 1,5
94091	11	M 20 x 1,5
94092	13	M 12 x 1,5
94093	13	M 16 x 1,5
94094	13	M 20 x 1,5
94095	13	M 25 x 1,5
94096	16	M 12 x 1,5
94097	16	M 16 x 1,5
94098	16	M 20 x 1,5
94099	16	M 25 x 1,5
94100	21	M 16 x 1,5
94101	21	M 20 x 1,5
94102	21	M 25 x 1,5
94103	21	M 32 x 1,5
94104	29	M 20 x 1,5
94105	29	M 25 x 1,5
94106	29	M 32 x 1,5
94107	29	M 40 x 1,5
94108	36	M 25 x 1,5
94109	36	M 32 x 1,5
94110	36	M 40 x 1,5
94111	36	M 50 x 1,5
94112	42	M 32 x 1,5
94113	42	M 40 x 1,5
94114	42	M 50 x 1,5
94115	42	M 63 x 1,5
94116	48	M 40 x 1,5
94117	48	M 50 x 1,5
94118	48	M 63 x 1,5

Adapters METRIC/PG		
Part No	METRIC outer thread	PG inner thread
94025	M 12 x 1,5	7
94026	M 12 x 1,5	9
94027	M 16 x 1,5	7
94028	M 16 x 1,5	9
94029	M 16 x 1,5	11
94030	M 16 x 1,5	13,5
94031	M 20 x 1,5	7
94032	M 20 x 1,5	9
94033	M 20 x 1,5	11
94034	M 20 x 1,5	13,5
94035	M 20 x 1,5	16
94036	M 25 x 1,5	7
94037	M 25 x 1,5	9
94038	M 25 x 1,5	11
94039	M 25 x 1,5	13,5
94040	M 25 x 1,5	16
94041	M 25 x 1,5	21
94042	M 32 x 1,5	9
94043	M 32 x 1,5	11
94044	M 32 x 1,5	13,5
94045	M 32 x 1,5	16
94046	M 32 x 1,5	21
94047	M 32 x 1,5	29
94048	M 40 x 1,5	11
94049	M 40 x 1,5	13,5
94050	M 40 x 1,5	16
94051	M 40 x 1,5	21
94052	M 40 x 1,5	29
94053	M 40 x 1,5	36
94054	M 50 x 1,5	16
94055	M 50 x 1,5	21
94056	M 50 x 1,5	29
94057	M 50 x 1,5	36
94058	M 50 x 1,5	42
94059	M 63 x 1,5	21
94060	M 63 x 1,5	29
94061	M 63 x 1,5	36
94062	M 63 x 1,5	42
94063	M 63 x 1,5	48

Adapters METRIC/METRIC		
Part No	METRIC outer thread	METRIC inner thread
94064	M 12 x 1,5	M 16 x 1,5
94065	M 16 x 1,5	M 12 x 1,5
94066	M 16 x 1,5	M 20 x 1,5
94067	M 20 x 1,5	M 12 x 1,5
94068	M 20 x 1,5	M 16 x 1,5
94069	M 20 x 1,5	M 25 x 1,5
94070	M 25 x 1,5	M 16 x 1,5
94071	M 25 x 1,5	M 20 x 1,5
94072	M 25 x 1,5	M 32 x 1,5
94073	M 32 x 1,5	M 20 x 1,5
94074	M 32 x 1,5	M 25 x 1,5
94075	M 32 x 1,5	M 40 x 1,5
94076	M 40 x 1,5	M 25 x 1,5
94077	M 40 x 1,5	M 32 x 1,5
94078	M 40 x 1,5	M 50 x 1,5
94079	M 50 x 1,5	M 32 x 1,5
94080	M 50 x 1,5	M 40 x 1,5
94081	M 50 x 1,5	M 63 x 1,5
94082	M 63 x 1,5	M 40 x 1,5
94083	M 63 x 1,5	M 50 x 1,5

V-N-MS

Metric/PG



Material Nickel plated brass
Protection IP 54 (NEMA 2)
 IP 65 (SD/MS) (NEMA 4x)
O-Ring NBR (SD/MS)
Operating Temperature -40°C to 80° C(-40V F to 176° F)

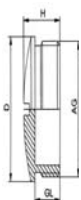
* Type SD/MS with O-ring

AG	GL mm	H mm	D mm	Number
M 12 x 1,5	5	7,5	14	1.052.1200.50
M 16 x 1,5	5	8,0	18	1.052.1600.50
M 20 x 1,5	6	9,5	22	1.052.2000.50
M 25 x 1,5	7	11,0	28	1.052.2500.50
M 32 x 1,5	8	12,0	35	1.052.3200.50
M 40 x 1,5	10	13,0	44	1.052.4000.50
M 50 x 1,5	9	15,0	54	1.052.5000.50
M 63 x 1,5	10	16,0	70	1.052.6300.50
M 12 x 1,5 *	5	8	14	1.052.1201.50
M 16 x 1,5 *	6	9	20	1.052.1601.50
M 20 x 1,5 *	6	9,5	20	1.052.2001.50
M 25 x 1,5 *	7	11	28	1.052.2501.50
M 32 x 1,5 *	8	12,5	35	1.052.3201.50
M 40 x 1,5 *	8	13	44	1.052.4001.50
M 50 x 1,5 *	9	15	57	1.052.5001.50
M 63 x 1,5 *	10	16,5	70	1.052.6301.50

AG	GL mm	H mm	D mm	Number
PG 7	5	8	14	1.052.0700.01
PG 9	6	9	17	1.052.0900.01
PG 11	6	9	20	1.052.1100.01
PG 13,5	6,5	9,5	22	1.052.1300.01
PG 16	6,5	9,5	24	1.052.1600.01
PG 21	7	11	30	1.052.2100.01
PG 29	8	12	39	1.052.2900.01
PG 36	9	15	50	1.052.3600.01
PG 42	10	16	57	1.052.4200.01
PG 48	10	16	64	1.052.4800.01
PG 7 *	5	8	14	1.052.0701.01
PG 9 *	5,5	9	17	1.052.0901.01
PG 11 *	5,5	9	20	1.052.1101.01
PG 13,5 *	6	9,5	22	1.052.1301.01
PG 16 *	6	9,5	24	1.052.1601.01
PG 21 *	6,5	11	30	1.052.2101.01
PG 29 *	7,5	12	39	1.052.2901.01
PG 36 *	9	15	50	1.052.3601.01
PG 42 *	10	16	57	1.052.4201.01
PG 48 *	10	16	64	1.052.4801.01

V-N-FS

Metric/PG



Material PA (Nylon)
Protection IP 54 (NEMA 2)
Operating Temperature -40°C to 100°C(-40° F to 212° F) (PA)
Colours Black RAL 9005

Other colours available on request

AG	GL mm	H mm	D mm	Number PA black
M 12 x 1,5	6	10	15	1.251.1201.50
M 16 x 1,5	7	11,5	20	1.251.1601.50
M 20 x 1,5	7	13	24	1.251.2001.50
M 25 x 1,5	11	15,5	30	1.251.2501.50
M 32 x 1,5	11	16	38	1.251.3201.50
M 40 x 1,5	13	18	46	1.251.4001.50
M 50 x 1,5	13	18,5	56	1.251.5001.50
M 63 x 1,5	15	19	69	1.251.6301.50
PG 7	6	8	15	1.251.0701.11
PG 9	6	9	19	1.251.0901.11
PG 11	6	9	22	1.251.1101.11
PG 13,5	6	9,5	25	1.251.1301.11
PG 16	6	9,5	27	1.251.1601.11
PG 21	8	11	33	1.251.2101.11
PG 29	8	12	44	1.251.2901.11
PG 36	10	15	55	1.251.3601.11
PG 42	10	16	62	1.251.4201.11
PG 48	12	16	69	1.251.4801.11