

Material	Nickel-plated brass
Clamping insert	Polyamide VO according to UL 94
Seal	NBR
Material o-ring	NBR
Protection class	IP 68 – 10 bar / IP 69 K
Ex-protection level	II 2G Ex eb IIC Gb / II 1D Ex ta IIIC Da
NEMA type rating	4 / 4X / 6
Temperature range	-20°C to +95°C / -60°C to +95°C

RoHS

AG	∅k mm	GL mm	H mm	SW1/SW2 mm	⊕ Nm	Item-No -20°C to +95°C	Item-No -60°C to +95°C
M12 x 1.5	2 – 5	6.5	19	14/14	4	1.610.1200.51	1.640.1200.51
M12 x 1.5	3 – 6.5	6.5	19	14/14	4	1.610.1200.50	1.640.1200.50
M16 x 1.5	2 – 6	6	21	17/19	6	1.610.1600.51	1.640.1600.51
M16 x 1.5	3 – 7	6	22	20/20	5	1.610.1611.51	1.640.1611.51
M16 x 1.5	4 – 8	6	21	17/19	6	1.610.1600.50	1.640.1600.50
M16 x 1.5	5 – 10	6	22	20/20	5	1.610.1611.50	1.640.1611.50
M20 x 1.5	5 – 9	6	23	22/22	8	1.610.2000.51	1.640.2000.51
M20 x 1.5	6 – 12	6	23	22/22	8	1.610.2000.50	1.640.2000.50
M20 x 1.5	7 – 12	6	24	24/24	10	1.610.2016.51	1.640.2016.51
M20 x 1.5	10 – 14	6	24	24/24	10	1.610.2016.50	1.640.2016.50
M25 x 1.5	10 – 16	7	26	30/30	12	1.610.2500.51	1.640.2500.51
M25 x 1.5	14 – 18	7	26	30/30	12	1.610.2500.50	1.640.2500.50
M32 x 1.5	13 – 20	8	31	40/40	15	1.610.3200.51	1.640.3200.51
M32 x 1.5	20 – 25	8	31	40/40	15	1.610.3200.50	1.640.3200.50
M40 x 1.5	20 – 26	8	37	50/50	15	1.610.4000.51	1.640.4000.51
M40 x 1.5	22 – 32	8	37	50/50	15	1.610.4000.50	1.640.4000.50
M50 x 1.5	25 – 31	9	37	57/57	24	1.610.5000.51	1.640.5000.51
M50 x 1.5	32 – 38	9	37	57/57	24	1.610.5000.50	1.640.5000.50
M63 x 1.5	29 – 35	10	38	64/68	30	1.610.6300.51	1.640.6300.51
M63 x 1.5	37 – 44	10	38	64/68	30	1.610.6300.50	1.640.6300.50

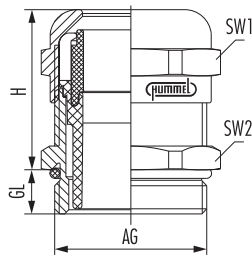


to the assembly instruction



Ex cable glands

HSK-M Ex (metric-long)



Material	Nickel-plated brass
Clamping insert	Polyamide VO according to UL 94
Seal	NBR
Material o-ring	NBR
Protection class	IP 68 – 10 bar / IP 69 K
Ex-protection level	II 2G Ex eb IIC Gb / II 1D Ex ta IIIC Da
NEMA type rating	4 / 4X / 6
Temperature range	-20°C to +95°C / -60°C to +95°C

RoHS

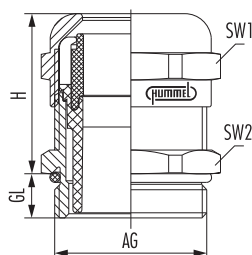
AG	∅k mm	GL mm	H mm	SW1/SW2 mm	⊕ Nm	Item-No -20°C to +95°C	Item-No -60°C to +95°C
M12 x 1.5	2 – 5	10	19	14/14	4	1.610.1200.31	1.640.1200.31
M12 x 1.5	3 – 6.5	10	19	14/14	4	1.610.1200.30	1.640.1200.30
M16 x 1.5	2 – 6	10	21	17/19	6	1.610.1600.31	1.640.1600.31
M16 x 1.5	3 – 7	10	22	20/20	5	1.610.1611.31	1.640.1611.31
M16 x 1.5	4 – 8	10	21	17/19	6	1.610.1600.30	1.640.1600.30
M16 x 1.5	5 – 10	10	22	20/20	5	1.610.1611.30	1.640.1611.30
M20 x 1.5	5 – 9	10	23	22/22	8	1.610.2000.31	1.640.2000.31
M20 x 1.5	6 – 12	10	23	22/22	8	1.610.2000.30	1.640.2000.30
M20 x 1.5	7 – 12	10	24	24/24	10	1.610.2016.31	1.640.2016.31
M20 x 1.5	10 – 14	10	24	24/24	10	1.610.2016.30	1.640.2016.30
M25 x 1.5	10 – 16	12	26	30/30	12	1.610.2500.31	1.640.2500.31
M25 x 1.5	14 – 18	12	26	30/30	12	1.610.2500.30	1.640.2500.30
M32 x 1.5	13 – 20	12	31	40/40	15	1.610.3200.31	1.640.3200.31
M32 x 1.5	20 – 25	12	31	40/40	15	1.610.3200.30	1.640.3200.30
M40 x 1.5	20 – 26	15	37	50/50	15	1.610.4000.31	1.640.4000.31
M40 x 1.5	22 – 32	15	37	50/50	15	1.610.4000.30	1.640.4000.30
M50 x 1.5	25 – 31	15	37	57/57	24	1.610.5000.31	1.640.5000.31
M50 x 1.5	32 – 38	15	37	57/57	24	1.610.5000.30	1.640.5000.30
M63 x 1.5	29 – 35	15	38	64/68	30	1.610.6300.31	1.640.6300.31
M63 x 1.5	37 – 44	15	38	64/68	30	1.610.6300.30	1.640.6300.30



to the assembly
instruction



ATEX Ex



Material	Nickel-plated brass
Clamping insert	Polyamide VO according to UL 94
Seal	NBR
Material o-ring	NBR
Protection class	IP 68 – 10 bar / IP 69 K
Ex-protection level	II 2G Ex eb IIC Gb / II 1D Ex ta IIIC Da
NEMA type rating	4 / 4X / 6
Temperature range	-20°C to +95°C / -60°C to +95°C

RoHS

AG	∅k mm	GL mm	H mm	SW1/SW2 mm	⊕ Nm	Item-No -20°C to +95°C	Item-No -60°C to +95°C
PG 7	2 – 5	5	19	14/14	4	1.610.0700.15	1.640.0700.15
PG 7	3 – 6.5	5	19	14/14	4	1.610.0700.01	1.640.0700.01
PG 9	2 – 6	6	21	17/17	6	1.610.0900.15	1.640.0900.15
PG 9	4 – 8	6	21	17/17	6	1.610.0900.01	1.640.0900.01
PG 11	3 – 7	6	22	20/20	5	1.610.1100.15	1.640.1100.15
PG 11	5 – 10	6	22	20/20	5	1.610.1100.01	1.640.1100.01
PG 13.5	5 – 9	6.5	24	22/22	8	1.610.1300.15	1.640.1300.15
PG 13.5	6 – 12	6.5	24	22/22	8	1.610.1300.01	1.640.1300.01
PG 16	7 – 12	6.5	23	24/24	10	1.610.1600.15	1.640.1600.15
PG 16	10 – 14	6.5	23	24/24	10	1.610.1600.01	1.640.1600.01
PG 21	10 – 16	7	24	30/30	12	1.610.2100.15	1.640.2100.15
PG 21	14 – 18	7	24	30/30	12	1.610.2100.01	1.640.2100.01
PG 29	13 – 20	8	29	40/40	15	1.610.2900.15	1.640.2900.15
PG 29	20 – 25	8	29	40/40	15	1.610.2900.01	1.640.2900.01
PG 36	20 – 26	8	35	50/50	15	1.610.3600.15	1.640.3600.15
PG 36	22 – 32	8	35	50/50	15	1.610.3600.01	1.640.3600.01
PG 42	25 – 31	9	37	57/57	24	1.610.4200.15	1.640.4200.15
PG 42	32 – 38	9	37	57/57	24	1.610.4200.01	1.640.4200.01
PG 48	29 – 35	10	38	64/64	30	1.610.4800.15	1.640.4800.15
PG 48	37 – 44	10	38	64/64	30	1.610.4800.01	1.640.4800.01



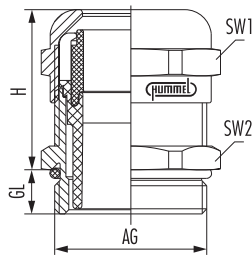
to the assembly
instruction



ATEX^{Ex}

Ex cable glands

HSK-M-Ex (PG long)



Material	Nickel-plated brass
Clamping insert	Polyamide VO according to UL 94
Seal	NBR
Material o-ring	NBR
Protection class	IP 68 – 10 bar / IP 69 K
Ex-protection level	II 2G Ex eb IIC Gb / II 1D Ex ta IIIC Da
NEMA type rating	4 / 4X / 6
Temperature range	-20°C to +95°C / -60°C to +95°C

RoHS

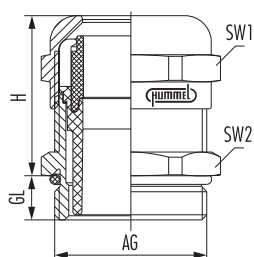
AG	∅k mm	GL mm	H mm	SW1/SW2 mm	⊕ Nm	Item-No	
						-20°C to +95°C	-60°C to +95°C
PG 7	2 – 5	10	19	14/14	4	1.610.0700.61	1.640.0700.61
PG 7	3 – 6.5	10	19	14/14	4	1.610.0700.60	1.640.0700.60
PG 9	2 – 6	10	21	17/17	6	1.610.0900.61	1.640.0900.61
PG 9	4 – 8	10	21	17/17	6	1.610.0900.60	1.640.0900.60
PG 11	3 – 7	10	22	20/20	5	1.610.1100.61	1.640.1100.61
PG 11	5 – 10	10	22	20/20	5	1.610.1100.60	1.640.1100.60
PG 13.5	5 – 9	10	24	22/22	8	1.610.1300.61	1.640.1300.61
PG 13.5	6 – 12	10	24	22/22	8	1.610.1300.60	1.640.1300.60
PG 16	7 – 12	10	23	24/24	10	1.610.1600.61	1.640.1600.61
PG 16	10 – 14	10	23	24/24	10	1.610.1600.60	1.640.1600.60
PG 21	10 – 16	12	24	30/30	12	1.610.2100.61	1.640.2100.61
PG 21	14 – 18	12	24	30/30	12	1.610.2100.60	1.640.2100.60
PG 29	13 – 20	12	29	40/40	15	1.610.2900.61	1.640.2900.61
PG 29	20 – 25	12	29	40/40	15	1.610.2900.60	1.640.2900.60
PG 36	20 – 26	15	35	50/50	15	1.610.3600.61	1.640.3600.61
PG 36	22 – 32	15	35	50/50	15	1.610.3600.60	1.640.3600.60
PG 42	25 – 31	15	37	57/57	24	1.610.4200.61	1.640.4200.61
PG 42	32 – 38	15	37	57/57	24	1.610.4200.60	1.640.4200.60
PG 48	29 – 35	15	38	64/64	30	1.610.4800.61	1.640.4800.61
PG 48	37 – 44	15	38	64/64	30	1.610.4800.60	1.640.4800.60



to the assembly
instruction



ATEX^{Ex}



Material	Nickel-plated brass
Clamping insert	Polyamide V0 according to UL 94
Seal	NBR
Material o-ring	NBR
Protection class	IP 68 – 10 bar / IP 69 K
Ex-protection level	II 2G Ex eb IIC Gb / II 1D Ex ta IIIC Da
NEMA type rating	4 / 4X / 6
Temperature range	-20°C to +95°C / -60°C to +95°C

RoHS

AG	∅k mm	GL mm	H mm	SW1/SW2 mm	⊕ Nm	Item-No -20°C to +95°C	Item-No -60°C to +95°C
NPT 3/8"	2 – 6	15	21	17/19	6	1.610.3800.71	1.640.3800.71
NPT 3/8"	4 – 8	15	21	17/19	6	1.610.3800.70	1.640.3800.70
NPT 1/2"	5 – 9	13	24	22/24	8	1.610.1200.71	1.640.1200.71
NPT 1/2"	6 – 12	13	24	22/24	8	1.610.1200.70	1.640.1200.70
NPT 3/4"	10 – 16	13	25	30/30	12	1.610.3400.71	1.640.3400.71
NPT 3/4"	14 – 18	13	25	30/30	12	1.610.3400.70	1.640.3400.70
NPT 1"	13 – 20	19	29	40/40	15	1.610.1000.71	1.640.1000.71
NPT 1"	20 – 25	19	29	40/40	15	1.610.1000.70	1.640.1000.70



to the assembly
instruction



ATEX^{Ex}