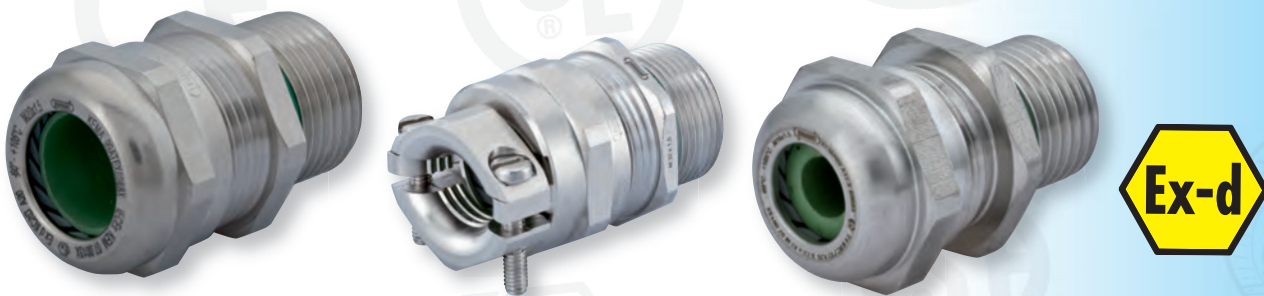


Industrial cable glands

HSK-Ex-d standard cable glands

Cable glands of the HSK-Ex-d series have been designed for standard applications in hazardous locations type "e" and/or "d" according to EN 60079-0, EN 60079-1 and EN 60079-7



You can find in this chapter:

HSK-Ex-d cable glands

- made of nickel plated brass
- made of nickel plated brass with additional strain relief
- acid-resistant stainless steel

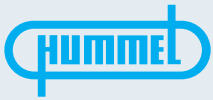
We provide variable clamping ranges, thread types and temperature ranges. Our range is completed by global certifications.

For any further question please do not hesitate to contact us. We look forward to develop solutions together with you. You profit of our vast knowledge in development, engineering and production technology.

Contact us:

E-Mail: info.et@hummel.com

Tel.: +49(0) 76 66/9 11 10-0



HSK-Ex-d standard cable glands

HSK-M-Ex-d / HSK-M-PVDF-Ex-d

Metr.

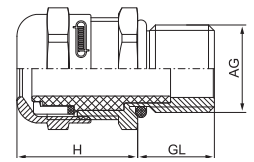


For the international certificates please see page 170

Material	Nickel plated brass
Clamping insert	Polyamide / PVDF
Seal	FPM / FPM
O-Ring	FPM / FPM
Protection	IP 68 – 10 bar / IP 69K (NEMA 6 – 150 PSIG) within the specified clamping range
Operating Temperature	- 60°C – 105°C (-76°F – 221°F) (PA) - 20°C – 130°C (-4°F – 266°F) (PVDF)



II 2G 1D Ex d IIC



AG	\varnothing mm	GL mm	H mm	$\frac{1}{2}$ mm	Number HSK-M-Ex-d -60°C – 105°C (-76°F – 221°F)	Number HSK-M-PVDF-Ex-d -20°C – 130°C (-4°F – 266°F)
M 12 x 1,5	3 – 6,5	14	19	14	1.622.1200.50	1.634.1200.50
M 12 x 1,5	2 – 5	14	19	14	1.622.1200.51	1.634.1200.51
M 16 x 1,5	5 – 10	14	22	20	1.622.1600.50	1.634.1600.50
M 16 x 1,5	3 – 7	14	22	20	1.622.1600.51	1.634.1600.51
M 20 x 1,5	10 – 14	14	25	24	1.622.2000.50	1.634.2000.50
M 20 x 1,5	7 – 12	14	25	24	1.622.2000.51	1.634.2000.51
M 25 x 1,5	13 – 18	14	26,5	30	1.622.2500.50	1.634.2500.50
M 25 x 1,5	9 – 16	14	26,5	30	1.622.2500.51	1.634.2500.51
M 32 x 1,5	18 – 25	14	32	40	1.622.3200.50	1.634.3200.50
M 32 x 1,5	14 – 20	14	32	40	1.622.3200.51	1.634.3200.51
M 40 x 1,5	22 – 32	14	38,5	50	1.622.4000.50	1.634.4000.50
M 40 x 1,5	20 – 26	14	38,5	50	1.622.4000.51	1.634.4000.51

Accessories see page 71 and 141

HSK-M-Ex-d / HSK-M-PVDF-Ex-d

NPT

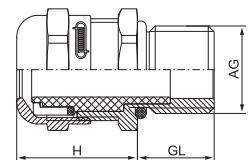


For the international certificates please see page 170

Material	Nickel plated brass
Clamping insert	Polyamide / PVDF
Seal	FPM / FPM
O-Ring	FPM / FPM
Protection	IP 68 – 10 bar / IP 69K (NEMA 6 – 150 PSIG) within the specified clamping range
Operating Temperature	- 60°C – 105°C (-76°F – 221°F) (PA) - 20°C – 130°C (-4°F – 266°F) (PVDF)



II 2G 1D Ex d IIC



AG	\varnothing mm	GL mm	H mm	$\frac{1}{2}$ mm	Number HSK-M-Ex-d -60°C – 105°C (-76°F – 221°F)	Number HSK-M-PVDF-Ex-d -20°C – 130°C (-4°F – 266°F)
NPT 3/8"	5 – 10	15	22	20	1.622.3800.70	1.634.3800.70
NPT 3/8"	3 – 7	15	22	20	1.622.3800.71	1.634.3800.71
NPT 1/2"	10 – 14	15	25	24	1.622.1200.70	1.634.1200.70
NPT 1/2"	7 – 12	15	25	24	1.622.1200.71	1.634.1200.71
NPT 3/4"	13 – 18	15	26,5	30	1.622.3400.70	1.634.3400.70
NPT 3/4"	9 – 16	15	26,5	30	1.622.3400.71	1.634.3400.71
NPT 1"	18 – 25	19	32	40	1.622.1000.70	1.634.1000.70
NPT 1"	14 – 20	19	32	40	1.622.1000.71	1.634.1000.71
NPT 1 1/4"	22 – 32	19	38,5	50	1.622.5400.70	1.634.5400.70
NPT 1 1/4"	20 – 26	19	38,5	50	1.622.5400.71	1.634.5400.71
NPT 1 1/2"	22 – 32	19	38,5	50	1.622.6400.70	1.634.6400.70
NPT 1 1/2"	20 – 26	19	38,5	50	1.622.6400.71	1.634.6400.71

Accessories see page 71 and 141



HSK-Ex-d standard cable glands

HSK-MZ-Ex-d
Metr.

Material	Nickel plated brass
Clamping insert	Polyamide
Seal	FPM
O-Ring	FPM
Protection	IP 68 – 10 bar / IP 69K (NEMA 6 – 150 PSIG) within the specified clamping range
Operating Temperature	- 60°C – 105°C (-76°F – 221°F)

**For the international certificates
please see page 170**

AG	mm	GL mm	H mm	mm	Number HSK-MZ-Ex-d -60 °C – 105 °C (-76 °F – 221 °F)
M 12 x 1,5	3 – 6,5	14	26	14	1.628.1200.50
M 16 x 1,5	5 – 10	14	30	20	1.628.1600.50
M 20 x 1,5	10 – 14	14	34	24	1.628.2000.50
M 25 x 1,5	13 – 18	14	38	30	1.628.2500.50
M 32 x 1,5	18 – 25	14	44	40	1.628.3200.50
M 40 x 1,5	22 – 32	14	51,5	50	1.628.4000.50

➔ Accessories see page 71 and 141

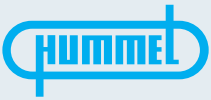
HSK-MZ-Ex-d
NPT

Material	Nickel plated brass
Clamping insert	Polyamide
Seal	FPM
O-Ring	FPM
Protection	IP 68 – 10 bar / IP 69K (NEMA 6 – 150 PSIG) within the specified clamping range
Operating Temperature	- 60°C – 105°C (-76°F – 221°F)

**For the international certificates
please see page 170**

AG	mm	GL mm	H mm	mm	Number HSK-MZ-Ex-d -60 °C – 105 °C (-76 °F – 221 °F)
NPT 3/8"	5 – 10	15	30	20	1.628.3800.70
NPT 1/2"	10 – 14	15	34	24	1.628.1200.70
NPT 3/4"	13 – 18	15	38	30	1.628.3400.70
NPT 1"	18 – 25	19	44	40	1.628.1000.70
NPT 1 1/4"	22 – 32	19	51,5	50	1.628.5400.70
NPT 1 1/2"	22 – 32	19	51,5	50	1.628.6400.70

➔ Accessories see page 71 and 141



HSK-Ex-d standard cable glands

HSK-INOX-Ex-d / HSK-INOX-PVDF-Ex-d

Metr.

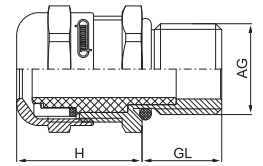


For the international certificates please see page 170

Material	INOX (1.4404)
Clamping insert	Polyamide/PVDF
Seal	FPM/FPM
O-Ring	FPM/FPM
Protection	IP 68 – 10 bar/IP 69K (NEMA 6 – 150 PSIG) within the specified clamping range
Operating Temperature	- 60°C – 105°C (-76°F – 221°F) (PA) -20°C – 130°C (-4°F – 266°F) (PVDF)



II 2G 1D Ex d IIC



AG	\varnothing mm	GL mm	H mm	\varnothing mm	Number HSK-INOX-Ex-d -60°C – 105°C (-76°F – 221°F)	Number HSK-INOX-PVDF-Ex-d -20°C – 130°C (-4°F – 266°F)
M 12 x 1,5	3 – 6,5	14	19	14	1.632.1200.50	1.633.1200.50
M 12 x 1,5	2 – 5	14	19	14	1.632.1200.51	1.633.1200.51
M 16 x 1,5	5 – 10	14	22	20	1.632.1600.50	1.633.1600.50
M 16 x 1,5	3 – 7	14	22	20	1.632.1600.51	1.633.1600.51
M 20 x 1,5	10 – 14	14	25	24	1.632.2000.50	1.633.2000.50
M 20 x 1,5	7 – 12	14	25	24	1.632.2000.51	1.633.2000.51
M 25 x 1,5	13 – 18	14	26,5	30	1.632.2500.50	1.633.2500.50
M 25 x 1,5	9 – 16	14	26,5	30	1.632.2500.51	1.633.2500.51
M 32 x 1,5	18 – 25	14	32	40	1.632.3200.50	1.633.3200.50
M 32 x 1,5	14 – 20	14	32	40	1.632.3200.51	1.633.3200.51
M 40 x 1,5	22 – 32	14	38,5	50	1.632.4000.50	1.633.4000.50
M 40 x 1,5	20 – 26	14	38,5	50	1.632.4000.51	1.633.4000.51

➔ Accessories see page 71 and 141

HSK-INOX-Ex-d / HSK-INOX-PVDF-Ex-d

NPT

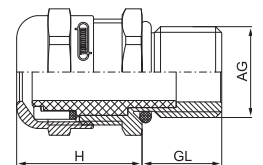


For the international certificates please see page 170

Material	INOX (1.4404)
Clamping insert	Polyamide/PVDF
Seal	FPM/FPM
O-Ring	FPM/FPM
Protection	IP 68 – 10 bar/IP 69K (NEMA 6 – 150 PSIG) within the specified clamping range
Operating Temperature	- 60°C – 105°C (-76°F – 221°F) (PA) -20°C – 130°C (-4°F – 266°F) (PVDF)



II 2G 1D Ex d IIC



AG	\varnothing mm	GL mm	H mm	\varnothing mm	Number HSK-INOX-Ex-d -60°C – 105°C (-76°F – 221°F)	Number HSK-INOX-PVDF-Ex-d -20°C – 130°C (-4°F – 266°F)
NPT 3/8"	5 – 10	15	22	20	1.632.3800.70	1.633.3800.70
NPT 3/8"	3 – 7	15	22	20	1.632.3800.71	1.633.3800.71
NPT 1/2"	10 – 14	15	25	24	1.632.1200.70	1.633.1200.70
NPT 1/2"	7 – 12	15	25	24	1.632.1200.71	1.633.1200.71
NPT 3/4"	13 – 18	15	26,5	30	1.632.3400.70	1.633.3400.70
NPT 3/4"	9 – 16	15	26,5	30	1.632.3400.71	1.633.3400.71

➔ Accessories see page 71 and 141