

# Technical Information

## Other International Ex-Certifications

	Hungary	<b>BKI 03 ATEX 001 X</b> <b>BKI 03 ATEX 002 X</b>	
	Russia	<b>PCT 7454206</b> <b>PPC 00-27485</b>	
	China	<b>CQST CNEEx06.1147U</b> <b>CQST CNEEx06.1148U</b>	
	Brazil	<b>INMETRO MC AEX-4665-X</b> <b>INMETRO MC AEX-5233-X</b> <b>INMETRO MC AEX-5234-X</b> <b>INMETRO MC AEX-5235</b> <b>INMETRO MC AEX-8528</b>	<b>INMETRO MC AEX-6203-X</b> <b>INMETRO MC AEX-6410-X</b> <b>INMETRO MC AEX-6411-X</b> <b>INMETRO MC AEX-6412-X</b> <b>INMETRO MC AEX-8822-X</b>
		<b>IECEX KEM 07.0012</b> <b>IECEX BVS 07.0020X</b>	<b>IECEX KEM 07.0013X</b> <b>IECEX BVS 07.0021</b>
		<b>IECEX KEM 07.0014X</b> <b>IECEX BVS 07.0022X</b>	<b>IECEX BVS 07.0019X</b> <b>IECEX KEM 06.0056</b>

## Installation Instructions

**Multi hole inserts:** Cable diameter should not be less than 20% of hole diameter and the difference between cable diameter and hole should never exceed 1 mm (.04").

**Flat cable inserts:** Actual dimensions of cables and wires must be verified with the respective cable supplier.

## Product Material Abbreviations

CR	Chloroprene rubber	PP	Polypropylene
FPM	Fluorelastomer	PVC	Polyvinylchloride
Ms	Nickel plated brass	PVDF	Polyvinylidenfluoride
NBR	Buna-N	SB	Styrene Butadiene
PA	Nylon	VMQ	Silicone
PE	Polyethylene		

## Approvals for HSK Strain Relief Fittings / Licence Number 40012033

Page	Article	Number	Temperature Range	Approval G (Gas)	Approval D (Dust)	EC-Type Examination Certificate
104	RSD-Ms-Ex	1.078.*	-20 °C – 95 °C	x	x	DMT 03 ATEX E 049
104	RSD-Ms-Ex	1.079.*	-60 °C – 180 °C	x	x	DMT 03 ATEX E 049
106	RSD-INOX-Ex	1.098.*	-20 °C – 180 °C	x	x	DMT 03 ATEX E 049
106	RSD-INOX-Ex	1.099.*	-60 °C – 180 °C	x	x	DMT 03 ATEX E 049
105	V-INOX-Ex	1.192.*	-20 °C – 95 °C	x	x	DMT 03 ATEX E 049
105	V-INOX-FPM-Ex	1.193.*	-20 °C – 180 °C	x	x	DMT 03 ATEX E 049
105	V-INOX-VMQ-Ex	1.194.*	-60 °C – 180 °C	x	x	DMT 03 ATEX E 049
103	V-Ms-Ex	1.197.*	-20 °C – 95 °C	x	x	DMT 03 ATEX E 049
103	V-Ms-FPM-Ex	1.198.*	-20 °C – 180 °C	x	x	DMT 03 ATEX E 049
103	V-Ms-VMQ-Ex	1.199.*	-60 °C – 180 °C	x	x	DMT 03 ATEX E 049
88	HSK-K-MZ-Ex	1.215.*	-20 °C – 70 °C	x	x	KEMA 99 ATEX 6971 X
72, 74, 76, 78, 80	HSK-K-Ex	1.291.*	-20 °C – 95 °C	x	x	DMT 02 ATEX E 047 X
72, 74	HSK-K-Ex	1.295.*	-20 °C – 95 °C	x	x	DMT 02 ATEX E 047 X
100	HSK-V-Ex	1.296.*	-20 °C – 95 °C	x	x	BVS 03 ATEX E 298
101, 102	V-Ex	1.297.*	-20 °C – 90 °C	x	x	DMT 03 ATEX E 049
153/154	Snapclic-Duo-Ms-Ex	1.566.* / 1.567.*	-20 °C – 95 °C	x	x	BVS 06 ATEX E 069 X
152	Snapflex-Ex	1.560.*	-20 °C – 95 °C	x	x	BVS 06 ATEX E 069 X
82	HSK-K-Multi-Ex	1.599.*	-20 °C – 95 °C	x	x	DMT 02 ATEX E 047 X
73, 75, 77, 79, 81 / 66, 67	HSK-M/EMV-Ex	1.610.* / 1.616.*	-20 °C – 95 °C	x	x	DMT 03 ATEX E 051 X
89, 90 / 70	HSK-MZ/EMV-Ex	1.611.* / 1.617.*	-20 °C – 95 °C	x	x	DMT 03 ATEX E 051 X
86, 87	HSK-INOX-Ex	1.612.*	-20 °C – 95 °C	x	x	DMT 03 ATEX E 051 X
92, 93	HSK-M-Ex-d	1.622.*	-60 °C – 105 °C	x	x	KEMA 99 ATEX 6968 X
92, 93	HSK-MZ-Ex-d	1.628.*	-60 °C – 105 °C	x	x	KEMA 99 ATEX 6968 X
94, 95	HSK-INOX-Ex-d	1.632.*	-60 °C – 105 °C	x	x	KEMA 99 ATEX 6968 X
94, 95	HSK-INOX-PVDF-Ex-d	1.633.*	-20 °C – 130 °C	x	x	KEMA 99 ATEX 6968 X
92, 93	HSK-M-PVDF-Ex-d	1.634.*	-20 °C – 130 °C	x	x	KEMA 99 ATEX 6968 X
68, 69	HSK-M-EMV-D-Ex	1.636.*	-20 °C – 95 °C	x	x	DMT 03 ATEX E 051 X
68, 69	HSK-M-EMV-D-Ex	1.637.*	-60 °C – 105 °C	x	x	KEMA 99 ATEX 6971 X
73, 75, 77, 79, 81 / 66, 67	HSK-M/EMV-Ex	1.640.* / 1.646.*	-60 °C – 105 °C	x	x	KEMA 99 ATEX 6971 X
89, 90 / 70	HSK-MZ/EMV-Ex	1.641.* / 1.647.*	-60 °C – 105 °C	x	x	KEMA 99 ATEX 6971 X
86, 87	HSK-INOX-Ex	1.642.*	-60 °C – 105 °C	x	x	KEMA 99 ATEX 6971 X
73, 75, 77, 79, 81	HSK-M-PVDF-Ex	1.660.*	-20 °C – 130 °C	x	x	KEMA 99 ATEX 6971 X
89, 90	HSK-MZ-PVDF-Ex	1.661.*	-20 °C – 130 °C	x	x	KEMA 99 ATEX 6971 X
86, 87	HSK-INOX-PVDF-Ex	1.662.*	-20 °C – 130 °C	x	x	KEMA 99 ATEX 6971 X
66, 67	HSK-M-EMV-PVDF-Ex	1.666.*	-20 °C – 130 °C	x	x	KEMA 99 ATEX 6971 X
70	HSK-MZ-EMV-PVDF-Ex	1.667.*	-20 °C – 130 °C	x	x	KEMA 99 ATEX 6971 X
83	HSK-M-Multi-Ex	1.687.*	-20 °C – 95 °C	x	x	DMT 03 ATEX E 051 X
98	V-Ms-/INOX-Ex-d	1.875.* / 1.895.*	-20 °C – 95 °C	x	x	KEMA 06 ATEX 0024
98	V-Ms-/INOX-FPM-Ex-d	1.876.* / 1.896.*	-20 °C – 180 °C	x	x	KEMA 06 ATEX 0024
98	V-Ms-/INOX-VMQ-Ex-d	1.877.* / 1.897.*	-60 °C – 180 °C	x	x	KEMA 06 ATEX 0024
96 / 97	RSD-Ms-/INOX-Ex-d	1.878.* / 1.898.*	-20 °C – 95 °C	x	x	KEMA 06 ATEX 0024
96 / 97	RSD-Ms-/INOX-Ex-d	1.879.* / 1.899.*	-60 °C – 180 °C	x	x	KEMA 06 ATEX 0024