

## HSK-K-EX-ACTIVE



THE CABLE GLAND FOR HAZARDOUS AREAS

## ADVANTAGES AT A GLANCE:



- // Halogen-free
- // Protection IP 68 – 10 bar / 30 min.  
according to DIN EN 60529
- // Vibration-protected dome nut
- // Wide clamping range
- // Applicable up to +85° C (185° F)
- // Abrasion resistant marking
- // O-Ring as standard
- // Applicable in zone 1 and zone 20

## HSK-K-Ex-Active

### Overlapping clamping splines

avoid tearing out the gland seal and ensure an extremely high integrated strain-relief

### Form seal

for reliable sealing at protection class IP 68 up to 10 bar / 30 min.

### HUMMEL acme screw thread

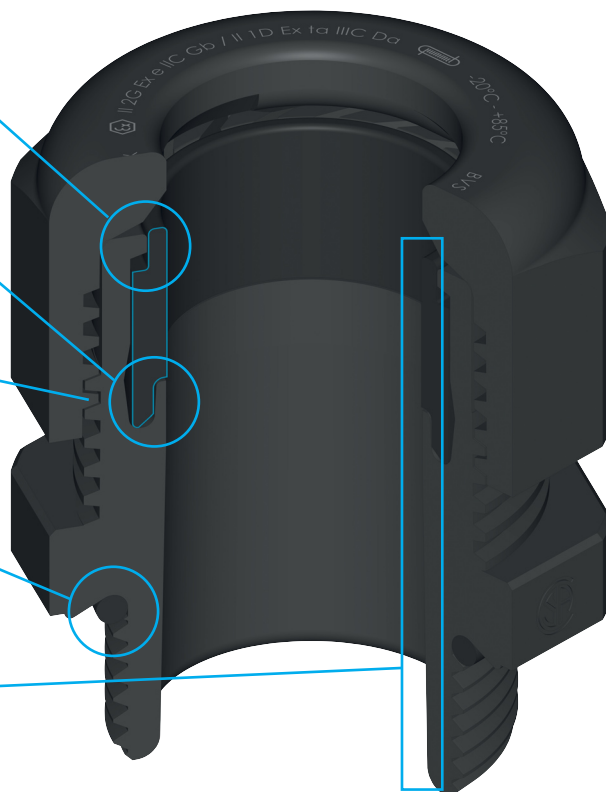
for dependable transmission of force between dome nut and gland body

### Molded O-Ring groove

results in a reliable tightening between gland body and installation

### Smooth internal shape

for easy assembling and ideal protection of the cable sheath



## HSK-K-EX-ACTIVE

The HSK-K-Ex-Active has been developed to meet the stringent requirements of EN 60079-0:2018. The cable gland, made of special formulated fibreglass reinforced polyamide, combines all features of the established HSK-K-Ex series and the latest approvals according to ATEX and IECEx.

The HSK-K-Ex-Active has been designed for applications in electrical equipment, which require types of protection Ex e and Ex t according to the latest standards EN 60079-0, 60079-7 and 60079-31.

- // Zones 1, 2, 20, 21, 22
- // Sizes: M 12 – M 63,  
NPT 3/8" – NPT 1 1/2"
- // Temperature Range: -20°C – 85°C (-4°F – 185°F)
- // EU-Type Examination Certificate:  
BVS 14 ATEX E 025 X
- // IECEx Certificate of Conformity:  
IECEx BVS 14.0020X
- // Marking:  
II 2G Ex eb IIC Gb  
II 1D Ex ta IIIC Da
- // According to the latest EN Standards:  

|                            |                   |
|----------------------------|-------------------|
| EN 60079-0:2018 + A11:2013 | IEC 60079-0:2011  |
| EN 60079-7:2015            | IEC 60079-7:2015  |
| EN 60079-31:2014           | IEC 60079-31:2013 |
| EN 60529                   |                   |



Find assembly instructions and certificates at  
[www.hummel.com](http://www.hummel.com)

# HSK-Ex e CABLE GLANDS

## HSK-K-Ex-Active

Metr.



|                       |                                                              |
|-----------------------|--------------------------------------------------------------|
| Material              | fibreglass reinforced polyamide                              |
| Seal                  | Buna-N                                                       |
| O-Ring                | Buna-N                                                       |
| Protection            | IP 68 – 10 bar / 30 min. within the specified clamping range |
| Operating Temperature | -20 °C – 85 °C (-4 °F – 185 °F)                              |
| Colors                | black (RAL 9005) / blue-black (RAL 5012)                     |

// FKM and VMQ O-Ring upon request

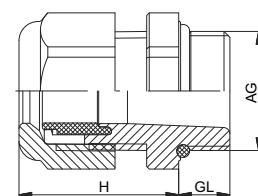


II 2G Ex eb IIC Gb  
II TD Ex ta IIIC Da



Class II Div 1 Groups E, F, G

For the [international certificates](http://www.hummel.com) go to [www.hummel.com](http://www.hummel.com).



| AG         | Ø mm  | mm    | H mm | GL mm | Number black  | Number blue-black | GL mm | Number black  |
|------------|-------|-------|------|-------|---------------|-------------------|-------|---------------|
| M 12 x 1,5 | 3–6,5 | 15    | 21   | 8     | 1.292.1201.50 |                   | 15    | 1.292.1201.30 |
| M 12 x 1,5 | 2–5   | 15    | 21   | 8     | 1.292.1201.51 |                   | 15    | 1.292.1201.31 |
| M 16 x 1,5 | 4–8   | 19    | 22   | 8     | 1.292.1601.50 | 1.292.1602.50     | 15    | 1.292.1601.30 |
| M 16 x 1,5 | 3–6   | 19    | 22   | 8     | 1.292.1601.51 | 1.292.1602.51     | 15    | 1.292.1601.31 |
| M 16 x 1,5 | 5–10  | 22    | 25   | 8     | 1.292.1611.50 | 1.292.1612.50     | 15    | 1.292.1611.30 |
| M 20 x 1,5 | 6–12  | 24    | 27   | 9     | 1.292.2001.50 | 1.292.2002.50     | 15    | 1.292.2001.30 |
| M 20 x 1,5 | 5–9   | 24    | 27   | 9     | 1.292.2001.51 | 1.292.2002.51     | 15    | 1.292.2001.31 |
| M 20 x 1,5 | 10–14 | 27    | 28   | 9     | 1.292.2016.50 | 1.292.2017.50     | 15    | 1.292.2016.30 |
| M 20 x 1,5 | 7–12  | 27    | 28   | 9     |               |                   | 15    | 1.292.2016.31 |
| M 25 x 1,5 | 13–18 | 33    | 31   | 11    | 1.292.2501.50 | 1.292.2502.50     | 15    | 1.292.2501.30 |
| M 25 x 1,5 | 9–16  | 33    | 31   | 11    | 1.292.2501.51 | 1.292.2502.51     | 15    | 1.292.2501.31 |
| M 32 x 1,5 | 18–25 | 42    | 39   | 11    | 1.292.3201.50 | 1.292.3202.50     | 15    | 1.292.3201.30 |
| M 32 x 1,5 | 13–20 | 42    | 39   | 11    | 1.292.3201.51 | 1.292.3202.51     | 15    | 1.292.3201.31 |
| M 40 x 1,5 | 22–32 | 53    | 48   | 13    | 1.292.4001.50 |                   | 18    | 1.292.4001.30 |
| M 40 x 1,5 | 20–26 | 53    | 48   | 13    | 1.292.4001.51 |                   | 18    | 1.292.4001.31 |
| M 50 x 1,5 | 32–38 | 60    | 49   | 13    | 1.292.5001.50 |                   | 18    | 1.292.5001.30 |
| M 50 x 1,5 | 25–31 | 60    | 49   | 13    | 1.292.5001.51 |                   | 18    | 1.292.5001.31 |
| M 63 x 1,5 | 37–44 | 65/68 | 49   | 14    | 1.292.5001.50 |                   | 18    | 1.292.6301.30 |
| M 63 x 1,5 | 29–35 | 65/68 | 49   | 14    | 1.292.6301.51 |                   | 18    | 1.292.6301.31 |

## HSK-K-Ex-Active

NPT



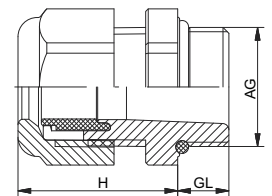
|                       |                                                              |
|-----------------------|--------------------------------------------------------------|
| Material              | fibreglass reinforced polyamide                              |
| Seal                  | Buna-N                                                       |
| O-Ring                | Buna-N                                                       |
| Protection            | IP 68 – 10 bar / 30 min. within the specified clamping range |
| Operating Temperature | -20 °C – 85 °C (-4 °F – 185 °F)                              |
| Colors                | black (RAL 9005) / blue-black (RAL 5012)                     |

// FKM and VMQ O-Ring upon request

II 2G Ex eb IIC Gb  
II TD Ex ta IIIC Da

Class II Div 1 Groups E, F, G

For the [international certificates](http://www.hummel.com) go to [www.hummel.com](http://www.hummel.com).



| AG            | Ø mm  | mm      | H mm | GL mm | Number black  |
|---------------|-------|---------|------|-------|---------------|
| NPT 3/8"      | 4–8   | 19 / 22 | 22   | 15    | 1.292.3801.70 |
| NPT 3/8"      | 3–6   | 19 / 22 | 22   | 15    | 1.292.3801.71 |
| NPT 1/2"      | 6–12  | 24      | 27   | 13    | 1.292.1201.70 |
| NPT 1/2"      | 5–9   | 24      | 27   | 13    | 1.292.1201.71 |
| NPT 1/2" (16) | 10–14 | 27      | 28   | 13    | 1.292.1216.70 |
| NPT 1/2" (16) | 7–12  | 27      | 28   | 13    | 1.292.1216.71 |
| NPT 3/4"      | 13–18 | 33      | 31   | 14    | 1.292.3401.70 |
| NPT 3/4"      | 9–16  | 33      | 31   | 14    | 1.292.3401.71 |
| NPT 1"        | 18–25 | 42      | 39   | 19    | 1.292.1001.70 |
| NPT 1"        | 13–20 | 42      | 39   | 19    | 1.292.1001.71 |
| NPT 1 1/4"    | 18–25 | 42 / 46 | 39   | 16    | 1.292.5401.70 |
| NPT 1 1/4"    | 13–20 | 42 / 46 | 39   | 16    | 1.292.5401.71 |
| NPT 1 1/2"    | 22–32 | 53      | 48   | 20    | 1.292.6401.70 |
| NPT 1 1/2"    | 20–26 | 53      | 48   | 20    | 1.292.6401.71 |

# ELECTRIC COMPONENTS

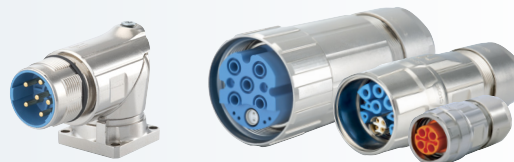
## Cable Glands

Polyamide-, Brass- and Stainless steel,  
EMC-connections, Protection Ex e, Ex d, Ex ta



## Circular Connectors

M 12 Power to M 40, INOX, TWILOCK, Industrial Ethernet,  
Power, Signal, Hybrid-Connector, Moulded Cordsets



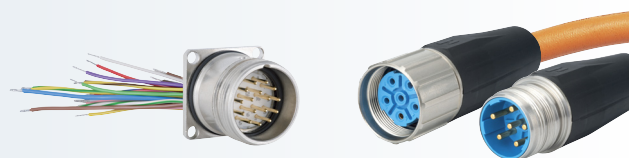
## Conduit Systems

Corrugated Conduit Systems, Conduit Cable Glands,  
combined Cable Glands, Accessories



## Cable Assembly

Moulded Signal- and Power Circular Connectors,  
Servo Cables, Cable Sets



[www.hummel.com](http://www.hummel.com)

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