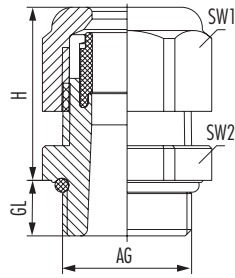


Ex cable glands

HSK-K-Ex-Active (metric/-long)



| | |
|---------------------|---|
| Material | Polyamide, fiber reinforced |
| Seal | NBR |
| Material o-ring | NBR |
| Protection class | IP 68 – 10 bar |
| Ex-protection level | II 2G Ex eb IIC Gb / II 1D Ex ta IIIC Da / Class I Div 2 Groups A,B,C,D / Class II Div 1 Groups E,F,G |
| Temperature range | -20°C to +85°C |
| Colour | black / blue-black |
| RAL | 9005 / 5012 |

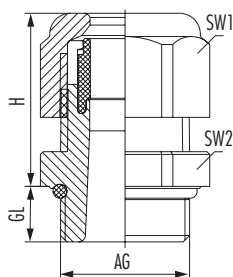
RoHS

| AG | ∅k mm | H mm | SW1/SW2 mm | ⊕ Nm | GL mm | Item-No black short | Item-No blue-black short | GL mm | Item-No black long | Item-No blue-black long |
|-----------|----------|---------|---------------|---------|----------|---------------------------|--------------------------------|----------|--------------------------|-------------------------------|
| M12 x 1.5 | 2 – 5 | 21 | 15/15 | 2 | 8 | 1.292.1201.51 | 1.292.1202.51 | 15 | 1.292.1201.31 | 1.292.1202.31 |
| M12 x 1.5 | 3 – 6.5 | 21 | 15/15 | 1.5 | 8 | 1.292.1201.50 | 1.292.1202.50 | 15 | 1.292.1201.30 | 1.292.1202.30 |
| M16 x 1.5 | 3 – 6 | 22 | 19/19 | 2 | 8 | 1.292.1601.51 | 1.292.1602.51 | 15 | 1.292.1601.31 | 1.292.1602.31 |
| M16 x 1.5 | 3 – 7 | 25 | 22/22 | 3 | 8 | 1.292.1611.51 | 1.292.1612.51 | 15 | 1.292.1611.31 | 1.292.1612.31 |
| M16 x 1.5 | 4 – 8 | 22 | 19/19 | 2 | 8 | 1.292.1601.50 | 1.292.1602.50 | 15 | 1.292.1601.30 | 1.292.1602.30 |
| M16 x 1.5 | 5 – 10 | 25 | 22/22 | 3 | 8 | 1.292.1611.50 | 1.292.1612.50 | 15 | 1.292.1611.30 | 1.292.1612.30 |
| M20 x 1.5 | 5 – 9 | 27 | 24/24 | 4.5 | 9 | 1.292.2001.51 | 1.292.2002.51 | 15 | 1.292.2001.31 | 1.292.2002.31 |
| M20 x 1.5 | 6 – 12 | 27 | 24/24 | 4.5 | 9 | 1.292.2001.50 | 1.292.2002.50 | 15 | 1.292.2001.30 | 1.292.2002.30 |
| M20 x 1.5 | 7 – 12 | 28 | 27/27 | 4.5 | 9 | 1.292.2016.51 | 1.292.2017.51 | 15 | 1.292.2016.31 | 1.292.2017.31 |
| M20 x 1.5 | 10 – 14 | 28 | 27/27 | 4.5 | 9 | 1.292.2016.50 | 1.292.2017.50 | 15 | 1.292.2016.30 | 1.292.2017.30 |
| M25 x 1.5 | 9 – 16 | 31 | 33/33 | 5 | 11 | 1.292.2501.51 | 1.292.2502.51 | 15 | 1.292.2501.31 | 1.292.2502.31 |
| M25 x 1.5 | 13 – 18 | 31 | 33/33 | 5 | 11 | 1.292.2501.50 | 1.292.2502.50 | 15 | 1.292.2501.30 | 1.292.2502.30 |
| M32 x 1.5 | 13 – 20 | 39 | 42/42 | 6.5 | 11 | 1.292.3201.51 | 1.292.3202.51 | 15 | 1.292.3201.31 | 1.292.3202.31 |
| M32 x 1.5 | 18 – 25 | 39 | 42/42 | 6.5 | 11 | 1.292.3201.50 | 1.292.3202.50 | 15 | 1.292.3201.30 | 1.292.3202.30 |
| M40 x 1.5 | 20 – 26 | 48 | 53/53 | 10 | 13 | 1.292.4001.51 | 1.292.4002.51 | 18 | 1.292.4001.31 | 1.292.4002.31 |
| M40 x 1.5 | 22 – 32 | 48 | 53/53 | 10 | 13 | 1.292.4001.50 | 1.292.4002.50 | 18 | 1.292.4001.30 | 1.292.4002.30 |
| M50 x 1.5 | 25 – 31 | 49 | 60/60 | 15 | 13 | 1.292.5001.51 | 1.292.5002.51 | 18 | 1.292.5001.31 | 1.292.5002.31 |
| M50 x 1.5 | 32 – 38 | 49 | 60/60 | 15 | 13 | 1.292.5001.50 | 1.292.5002.50 | 18 | 1.292.5001.30 | 1.292.5002.30 |
| M63 x 1.5 | 29 – 35 | 49 | 65/68 | 22 | 14 | 1.292.6301.51 | 1.292.6302.51 | 18 | 1.292.6301.31 | 1.292.6302.31 |
| M63 x 1.5 | 37 – 44 | 49 | 65/68 | 22 | 14 | 1.292.6301.50 | 1.292.6302.50 | 18 | 1.292.6301.30 | 1.292.6302.30 |



to the assembly
instruction





| | |
|---------------------|---|
| Material | Polyamide, fiber reinforced |
| Seal | NBR |
| Material o-ring | NBR |
| Protection class | IP 68 – 10 bar |
| Ex-protection level | II 2G Ex eb IIC Gb / II 1D Ex ta IIIC Da / Class I Div 2 Groups A,B,C,D / Class II Div 1 Groups E,F,G |
| Temperature range | -20°C to +85°C |
| Colour | black / blue-black |
| RAL | 9005 / 5012 |

RoHS

| AG | ∅k mm | GL mm | H mm | SW1/SW2 mm | ⊕ Nm | Item-No black | Item-No blue-black |
|------------|----------|----------|---------|---------------|---------|------------------|-----------------------|
| NPT 3/8" | 3 – 6 | 15 | 22 | 19/22 | 2 | 1.292.3801.71 | 1.292.3802.71 |
| NPT 3/8" | 4 – 8 | 15 | 22 | 19/22 | 2 | 1.292.3801.70 | 1.292.3802.70 |
| NPT 1/2" | 5 – 9 | 13 | 27 | 24/24 | 4.5 | 1.292.1201.71 | 1.292.1202.71 |
| NPT 1/2" | 6 – 12 | 13 | 27 | 24/24 | 4.5 | 1.292.1201.70 | 1.292.1202.70 |
| NPT 1/2" | 7 – 12 | 13 | 28 | 27/27 | 4.5 | 1.292.1216.71 | 1.292.1217.71 |
| NPT 1/2" | 10 – 14 | 13 | 28 | 27/27 | 4.5 | 1.292.1216.70 | 1.292.1217.70 |
| NPT 3/4" | 9 – 16 | 14 | 31 | 33/33 | 5 | 1.292.3401.71 | 1.292.3402.71 |
| NPT 3/4" | 13 – 18 | 14 | 31 | 33/33 | 5 | 1.292.3401.70 | 1.292.3402.70 |
| NPT 1" | 13 – 20 | 19 | 39 | 42/42 | 6.5 | 1.292.1001.71 | 1.292.1002.71 |
| NPT 1" | 18 – 25 | 19 | 39 | 42/42 | 6.5 | 1.292.1001.70 | 1.292.1002.70 |
| NPT 1 1/4" | 13 – 20 | 16 | 39 | 42/46 | 6.5 | 1.292.5401.71 | 1.292.5402.71 |
| NPT 1 1/4" | 18 – 25 | 16 | 39 | 42/46 | 6.5 | 1.292.5401.70 | 1.292.5402.70 |
| NPT 1 1/2" | 20 – 26 | 20 | 48 | 53/53 | 10 | 1.292.6401.71 | 1.292.6402.71 |
| NPT 1 1/2" | 22 – 32 | 20 | 48 | 53/53 | 10 | 1.292.6401.70 | 1.292.6402.70 |

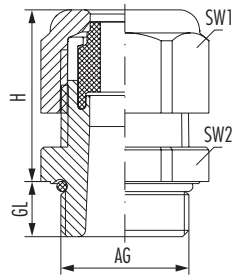


to the assembly
instruction



Ex cable glands

HSK-K-Multi-Ex-Active (metric, NPT)



| | |
|---------------------|---|
| Material | Polyamide, fiber reinforced |
| Seal | Elastomer |
| Material o-ring | NBR |
| Protection class | IP 68 – 10 bar |
| Ex-protection level | II 2G Ex eb IIC Gb / II 1D Ex ta IIIC Da / Class I Div 2 Groups A,B,C,D / Class II Div 1 Groups E,F,G |
| Temperature range | -20°C to +85°C |
| Colour | black / blue-black |
| RAL | 9005 / 5012 |

RoHS

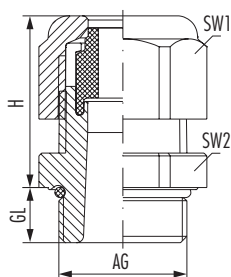
- // Further seal inserts on request
- // Installation note: The cable diameter may be less than the drill diameter by 20%, but not more than 1 mm

| AG | GL mm | H mm | SW1/SW2 mm | ⊕ Nm | Number of holes x d | Item-No black | Item-No blue-black | Number of holes x d | Item-No black | Item-No blue-black |
|------------|----------|---------|---------------|---------|------------------------|------------------|-----------------------|------------------------|------------------|-----------------------|
| M12 x 1.5 | 8 | 21 | 15/15 | 1.5 | - | 1.581.1299.51 | | | | |
| M16 x 1.5 | 8 | 22 | 19/19 | 2 | 2 x 3 | 1.581.1601.51 | 1.581.1601.52 | 4 x 1.4 | 1.581.1600.51 | 1.581.1600.52 |
| M20 x 1.5 | 9 | 27 | 24/24 | 4.5 | 2 x 5 | 1.581.2003.51 | 1.581.2003.52 | 6 x 3 | 1.581.2001.51 | 1.581.2001.52 |
| M25 x 1.5 | 11 | 31 | 33/33 | 5 | 3 x 7 | 1.581.2501.51 | 1.581.2501.52 | 4 x 6 | 1.581.2500.51 | 1.581.2500.52 |
| M32 x 1.5 | 11 | 39 | 42/42 | 6.5 | 4 x 9 | 1.581.3201.51 | 1.581.3201.52 | 6 x 6.5 | 1.581.3200.51 | 1.581.3200.52 |
| M40 x 1.5 | 13 | 48 | 53/53 | 10 | 2 x 15 | 1.581.4003.51 | 1.581.4003.52 | 7 x 9 | 1.581.4001.51 | 1.581.4001.52 |
| M50 x 1.5 | 13 | 49 | 60/60 | 15 | - | 1.581.5099.51 | 1.581.5099.52 | | | |
| M63 x 1.5 | 14 | 49 | 65/68 | 22 | 3 x 18 | 1.581.6302.51 | 1.581.6302.52 | 6 x 12 | 1.581.6301.51 | 1.581.6301.52 |
| NPT 3/8" | 15 | 22 | 19/22 | 2 | 2 x 3 | 1.581.3801.71 | 1.581.3801.72 | 4 x 1.4 | 1.581.3800.71 | 1.581.3800.72 |
| NPT 1/2" | 13 | 27 | 24/24 | 4.5 | 2 x 5 | 1.581.1203.71 | 1.581.1203.72 | 3 x 4 | 1.581.1202.71 | 1.581.1202.72 |
| NPT 1/2" | 13 | 28 | 27/27 | 4.5 | 2 x 6 | 1.581.1221.71 | 1.581.1221.72 | 6 x 4 | 1.581.1220.71 | 1.581.1220.72 |
| NPT 3/4" | 14 | 31 | 33/33 | 5 | 3 x 7 | 1.581.3401.71 | 1.581.3401.72 | 4 x 6 | 1.581.3400.71 | 1.581.3400.72 |
| NPT 1" | 19 | 39 | 42/42 | 6.5 | 4 x 9 | 1.581.1001.71 | 1.581.1001.72 | 6 x 6.5 | 1.581.1000.71 | 1.581.1000.72 |
| NPT 1 1/4" | 16 | 39 | 42/46 | 6.5 | - | 1.581.5499.71 | 1.581.5499.72 | | | |
| NPT 1 1/2" | 20 | 48 | 53/53 | 10 | 5 x 9 | 1.581.6400.71 | 1.581.6400.72 | 7 x 9 | 1.581.6401.71 | 1.581.6401.72 |



to the assembly
instruction





| | |
|---------------------|---|
| Material | Polyamide, fiber reinforced |
| Seal | Elastomer |
| Material o-ring | NBR |
| Protection class | IP 68 – 10 bar |
| Ex-protection level | II 2G Ex eb IIC Gb / II 1D Ex ta IIIC Da / Class I Div 2 Groups A,B,C,D / Class II Div 1 Groups E,F,G |
| Temperature range | -20°C to +85°C |
| Colour | black / blue-black |
| RAL | 9005 / 5012 |

RoHS

- // Further seal inserts on request
- // The cable must not exceed the specified clamping range by more than 1 mm in width and length. Geometries of cable and hole pattern must match (semicircular or straight).

| AG | GL mm | H mm | SW1/SW2 mm | ⊕ Nm | B x H mm | Item-No black | Item-No blue-black | B x H mm | Item-No black | Item-No blue-black |
|------------|----------|---------|---------------|---------|-------------|------------------|-----------------------|-------------|------------------|-----------------------|
| M20 x 1.5 | 9 | 28 | 27/27 | 4.5 | 12 x 7 | 1.582.2017.51 | 1.582.2017.52 | 14 x 6 | 1.582.2018.51 | 1.582.2018.52 |
| M25 x 1.5 | 11 | 31 | 33/33 | 5 | 14 x 6 | 1.582.2500.51 | 1.582.2500.52 | 14 x 7 | 1.582.2501.51 | 1.582.2501.52 |
| M32 x 1.5 | 11 | 39 | 42/42 | 6.5 | 22 x 8 | 1.582.3200.51 | 1.582.3200.52 | | | |
| M40 x 1.5 | 13 | 48 | 53/53 | 10 | 28.5 x 10 | 1.582.4000.51 | 1.582.4000.52 | 29 x 5.5 | 1.582.4001.51 | 1.582.4001.52 |
| M40 x 1.5 | 13 | 48 | 53/53 | 10 | 30.5 x 12 | 1.582.4002.51 | 1.582.4002.52 | 31 x 7.5 | 1.582.4003.51 | 1.582.4003.52 |
| M50 x 1.5 | 13 | 49 | 60/60 | 15 | 33.5 x 11.5 | 1.582.5000.51 | 1.582.5000.52 | | | |
| NPT 1/2" | 13 | 28 | 27/27 | 4.5 | 12 x 7 | 1.582.1217.71 | 1.582.1217.72 | 14 x 6 | 1.582.1218.71 | 1.582.1218.72 |
| NPT 3/4" | 14 | 31 | 33/33 | 5 | 14 x 6 | 1.582.3400.71 | 1.582.3400.72 | | | |
| NPT 1" | 19 | 39 | 42/42 | 6.5 | 22 x 8 | 1.582.1000.71 | 1.582.1000.72 | | | |
| NPT 1 1/4" | 16 | 39 | 42/46 | 6.5 | 22 x 8 | 1.582.5400.71 | 1.582.5400.72 | | | |
| NPT 1 1/2" | 20 | 48 | 53/53 | 10 | 28.5 x 10 | 1.582.6400.71 | 1.582.6400.72 | 29 x 5.5 | 1.582.6401.71 | 1.582.6401.72 |
| NPT 1 1/2" | 20 | 48 | 53/53 | 10 | 30.5 x 12 | 1.582.6402.71 | 1.582.6402.72 | 31 x 7.5 | 1.582.6403.71 | 1.582.6403.72 |

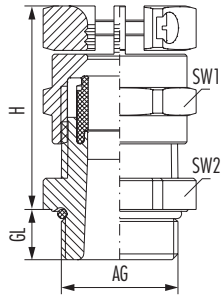


to the assembly
instruction




Ex cable glands

HSK-K-MZ-Ex (metric, PG)



| | |
|---------------------|--|
| Material | Polyamide |
| 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 |
| Temperature range | -20°C to +70°C |
| Colour | black |
| RAL | 9005 |

RoHS

| AG | ∅k mm | GL mm | H mm | SW1/SW2 mm |  Nm | Item-No |
|-----------|----------|----------|---------|---------------|---|---------------|
| M16 x 1.5 | 4 – 8 | 15 | 29 | 19/19 | 3 | 1.215.1601.50 |
| M20 x 1.5 | 7 – 12 | 15 | 35.5 | 24/24 | 3.5 | 1.215.2001.50 |
| M25 x 1.5 | 13 – 18 | 11 | 41 | 33/33 | 5 | 1.215.2501.50 |
| M32 x 1.5 | 18 – 25 | 11 | 49 | 42/42 | 6.5 | 1.215.3201.50 |
| M40 x 1.5 | 22 – 32 | 13 | 58 | 53/53 | 10 | 1.215.4001.50 |
| M50 x 1.5 | 32 – 38 | 13 | 61.5 | 60/60 | 15 | 1.215.5001.50 |
| M63 x 1.5 | 37 – 44 | 14 | 62 | 65/68 | 18 | 1.215.6301.50 |
| PG 9 | 4 – 8 | 15 | 29 | 19/19 | 3 | 1.215.0901.14 |
| PG 11 | 5 – 10 | 15 | 32.5 | 22/22 | 3.5 | 1.215.1101.14 |
| PG 13.5 | 7 – 12 | 15 | 35.5 | 24/24 | 3.5 | 1.215.1301.14 |
| PG 16 | 10 – 14 | 10 | 37.5 | 27/27 | 5 | 1.215.1601.14 |
| PG 21 | 13 – 18 | 11 | 41 | 33/33 | 5 | 1.215.2101.14 |
| PG 29 | 18 – 25 | 11 | 49 | 42/42 | 6.5 | 1.215.2901.14 |
| PG 36 | 22 – 32 | 13 | 58 | 53/53 | 10 | 1.215.3601.14 |
| PG 42 | 32 – 38 | 13 | 61.5 | 60/60 | 15 | 1.215.4201.14 |
| PG 48 | 37 – 44 | 14 | 62 | 65/65 | 18 | 1.215.4801.14 |



to the assembly
instruction

