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|---------------------------|---|---|
| 54115400 Internal | DATA SHEET |  |
| Valid from: 25.02.2025 | SKINTOP® K-M / KR-M ATEX plus blue | |

The SKINTOP® K-M / KR-M ATEX *plus blue* is a special cable gland, based of polyamide. It is designed particularly for use in electrical equipment in areas with risk of explosion, which require class "e" security (DIN EN 60079-0, DIN EN 60079-7, DIN EN 60079-31, IEC 60079-0, IEC 60079-7, IEC 60079-31) - for intrinsically-safe circuit.



Components:

| | |
|--------------|-----------|
| Gland body | Polyamide |
| Cap nut | Polyamide |
| Sealing ring | CR |
| O-ring | NBR |

Technical features:

| | |
|-------------------|---|
| Connecting thread | M12x1,5 up to M63x1,5 acc. to EN 60423 |
| Functional thread | Multi-start trapezoidal thread |
| Protection class | IP66 acc. to EN 60529 IP68 – 10 bar, test acc. to EN 60529 |
| Temperature range | -20 °C up to +80 °C |
| Design | K-M standard KR-M with reducing sealing ring (for smaller cable diameters) |
| Colour | RAL 5015 blue |

Approvals:



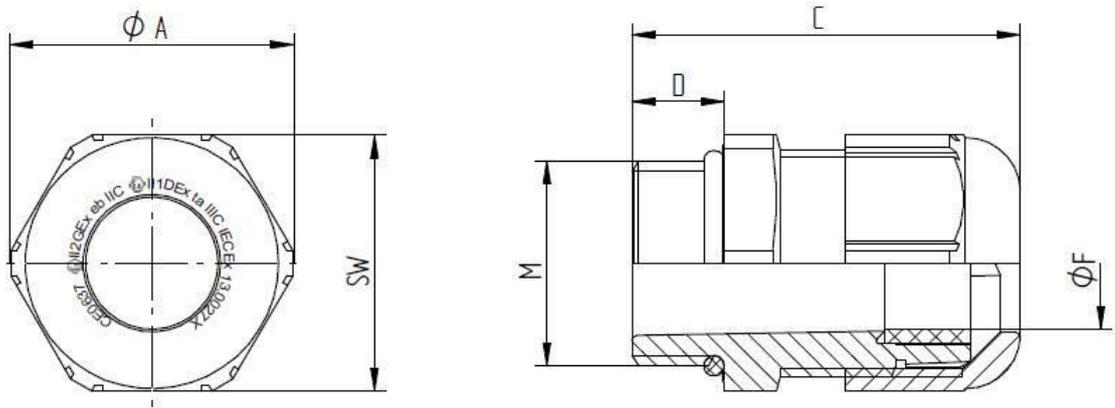
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|------------------------------------|---------------------|
| EC Type Examination Certification: | IBExU 08 ATEX 1063x |
| IECEx Certificate: | IECEx IBE 13.0027x |

Norm references:



| | | |
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SKINTOP® K-M ATEX plus blue

| M | SW [mm] | Ø A [mm] | C [mm] | | D [mm] | Ø F [mm] Clamping range | Article No. |
|---------|---------|----------|--------|------|--------|----------------------------|-------------|
| | | | min. | max. | | | |
| M12x1,5 | 15 | 16,6 | 26,5 | 30,0 | 8 | 3-5,5 | 54115400 |
| M16x1,5 | 19 | 21,1 | 29,0 | 34,0 | 8 | 7-9 | 54115410 |
| M20x1,5 | 25 | 27,6 | 34,0 | 38,0 | 9 | 7-13 | 54115420 |
| M25x1,5 | 30 | 33,6 | 35,0 | 40,0 | 10 | 11-17 | 54115430 |
| M32x1,5 | 36 | 40,3 | 39,0 | 47,0 | 10 | 12-21 | 54115440 |
| M40x1,5 | 46 | 51,6 | 43,0 | 52,0 | 10 | 19-28 | 54115450 |
| M50x1,5 | 55 | 61,6 | 54,0 | 62,0 | 12 | 27-35 | 54115460 |
| M63x1,5 | 66 | 73,9 | 59,0 | 71,0 | 12 | 37-45 | 54115470 |

SKINTOP® KR-M ATEX plus blue

| M | SW [mm] | Ø A [mm] | C [mm] | | D [mm] | Ø F [mm] Clamping range | Article No. |
|---------|---------|----------|--------|------|--------|----------------------------|-------------|
| | | | min. | max. | | | |
| M12x1,5 | 15 | 16,6 | 26,5 | 30,0 | 8 | 2-4 | 54115405 |
| M16x1,5 | 19 | 21,1 | 29,0 | 34,0 | 8 | 4-6 | 54115415 |
| M20x1,5 | 25 | 27,6 | 34,0 | 38,0 | 9 | 5-10 | 54115425 |
| M25x1,5 | 30 | 33,6 | 35,0 | 40,0 | 10 | 6-13 | 54115435 |
| M32x1,5 | 36 | 40,3 | 39,0 | 47,0 | 10 | 9-15 | 54115445 |
| M40x1,5 | 46 | 51,6 | 43,0 | 52,0 | 10 | 16-23 | 54115455 |
| M50x1,5 | 55 | 61,6 | 54,0 | 62,0 | 12 | 22-29 | 54115465 |
| M63x1,5 | 66 | 73,9 | 59,0 | 71,0 | 12 | 29-39 | 54115475 |

For more information please see our current catalogue. Please do not hesitate to contact our laboratory if there are any questions regarding resistance against aggressive agents and special oil.

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