

- A** Verschraubungsgehäuse mit montiertem O-Ring
connector body with mounted O-ring
- B** Tülle
ferrule
- C** Dichtring oder Messing-Druckring
sealing or brass thrust collar
- D** Druckmutter
pressure nut

Metall-Sicherheitsverschraubung gerade Außengewinde

inkl. Innentülle, Dichtring oder Messing-Druckring [MSD] und O-Ring

Konstruktion

Verschraubungsgehäuse mit Sechskantschlüsselfläche, Anschlussgewinde metrisch nach EN 60423, Sechskant-Druckmutter, Dichtring aus Kunststoff oder Messing-Druckring, O-Ring
Innentülle aus Metall / Kunststoff

Material

Gehäuse Messing vernickelt
Druckmutter Messing vernickelt
Dichtring TPE oder PTFE
Druckring Messing
Innentülle Messing / Kunststoff
O-Ring NBR

Eigenschaften

- hoher Staub- / Flüssigkeitsschutz
- kraftschlüssige Verbindung von Schlauch und Verschraubung
- einwandfreie Erdung
- Abdeckung der Schlauchenden
- vibrations- und zugfest

Wichtig

Die Funktionssicherheit der Verschraubung ist nur mit entsprechender Innentülle gewährleistet. Für EMV-Verwendung bitte die Montageanleitung beachten.

Metal connector, safety-type straight outer thread

incl. ferrule, sealing or brass thrust collar [MSD] and O-ring

Structure

Connector body with hexagonal wrench surface, connecting thread metric acc. to EN 60423, hexagon pressure nut, plastic seal or brass thrust collar, O-ring
ferrule made of metal / plastics

Material

Connector body nickel-plated brass
Pressure nut nickel-plated brass
Sealing ring TPE or PTFE
Thrust collar brass
Ferrule brass /plastics
O-ring NBR

Properties

- highly watertight and dustproof
- friction-type locking of conduit and screw connector
- correct grounding
- covered conduit ends
- vibration- and tensionproof

Important

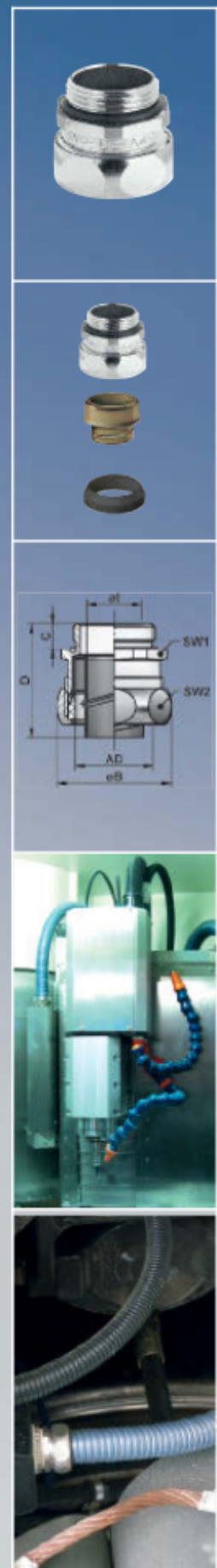
Security of the connector is only guaranteed with the corresponding ferrule. For EMC-usage please see assembly instructions.



Technische Basisdaten US-M
Technical basic data US-M

| ø | Metr. EN 60423 | øB mm | C mm | D mm | SW1 mm | SW2 mm | kg/100 |
|----|----------------|-------|------|------|--------|--------|--------|
| 10 | M 10 x 1,0 | 19,0 | 10,0 | 31,0 | 15 | 17 | 1,520 |
| 14 | M 12 x 1,5 | 23,0 | 10,0 | 33,0 | 19 | 21 | 2,300 |
| 17 | M 16 x 1,5 | 27,0 | 10,0 | 33,0 | 23 | 25 | 3,200 |
| 21 | M 20 x 1,5 | 31,0 | 10,0 | 33,0 | 27 | 29 | 4,200 |
| 27 | M 25 x 1,5 | 39,0 | 11,0 | 41,0 | 34 | 36 | 7,900 |
| 36 | M 32 x 1,5 | 48,0 | 13,0 | 43,0 | 43 | 45 | 11,600 |
| 45 | M 40 x 1,5 | 57,0 | 13,0 | 43,0 | 52 | 54 | 15,600 |
| 56 | M 50 x 1,5 | 70,0 | 14,0 | 49,0 | 63 | 66 | 24,500 |
| 56 | M 63 x 1,5 | 74,0 | 14,0 | 49,0 | 70 | 70 | 29,900 |
| 75 | M 75 x 1,5 | 97,0 | 16,0 | 58,0 | 90 | 90 | 73,500 |

| AD OD |  | FLEXA No. |  |  |  | FLEXA No. |  |
|----------|---|---|---|---|---|-----------------------------------|---|
| |  | SPR-AS SPR-VA |  | | | Kleine VPE Small packing units | |
| ø | Metr. EN 60423 | [IP 40] | mm | øl mm | St. Pcs. | | St. Pcs. |
| 10 | M 10 x 1,0 | 5010.327.010 | 8 x 10 | 6,5 | 50 | 5010.827.010 | 10 |
| 14 | M 12 x 1,5 | 5010.327.012 | 11 x 14 | 9,0 | 50 | 5010.827.012 | 10 |
| 17 | M 16 x 1,5 | 5010.327.016 | 14 x 17 | 12,5 | 50 | 5010.827.016 | 10 |
| 21 | M 20 x 1,5 | 5010.327.020 | 18 x 21 | 16,0 | 50 | 5010.827.020 | 10 |
| 27 | M 25 x 1,5 | 5010.327.025 | 23 x 27 | 21,0 | 25 | 5010.827.025 | 10 |
| 36 | M 32 x 1,5 | 5010.327.032 | 31 x 36 | 27,5 | 25 | 5010.827.032 | 2 |
| 45 | M 40 x 1,5 | 5010.327.040 | 40 x 45 | 35,0 | 20 | 5010.827.040 | 2 |
| 56 | M 50 x 1,5 | 5010.327.050 | 51 x 56 | 45,0 | 10 | 5010.827.050 | 2 |
| 56 | M 63 x 1,5 | 5010.327.163 | 51 x 56 | 45,0 | 10 | 5010.827.163 | 2 |
| |  | SPR-PA SPR-PU-F SPR-PVC-AS SPR-PU-AS |  | | | Kleine VPE Small packing unit | |
| ø | Metr. EN 60423 | [IP 65] | mm | øl mm | St. Pcs. | | St. Pcs. |
| 10 | M 10 x 1,0 | 5010.328.010 | 7 x 10 | 6,0 | 50 | 5010.828.010 | 10 |
| 14 | M 12 x 1,5 | 5010.328.012 | 10 x 14 | 8,5 | 50 | 5010.828.012 | 10 |
| 17 | M 16 x 1,5 | 5010.328.016 | 13 x 17 | 11,5 | 50 | 5010.828.016 | 10 |
| 21 | M 20 x 1,5 | 5010.328.020 | 17 x 21 | 15,5 | 50 | 5010.828.020 | 10 |
| 27 | M 25 x 1,5 | 5010.328.025 | 22 x 27 | 20,5 | 25 | 5010.828.025 | 10 |
| 36 | M 32 x 1,5 | 5010.328.032 | 29 x 36 | 27,5 | 25 | 5010.828.032 | 2 |
| 45 | M 40 x 1,5 | 5010.328.040 | 38 x 45 | 35,0 | 20 | 5010.828.040 | 2 |
| 56 | M 50 x 1,5 | 5010.328.050 | 49 x 56 | 45,0 | 10 | 5010.828.050 | 2 |
| 56 | M 63 x 1,5 | 5010.328.163 | 49 x 56 | 45,0 | 10 | 5010.828.163 | 2 |
| |  | FLEXAgraff®-PU-AS FLEXAgraff®-PU-F |  | | | Kleine VPE Small packing unit | |
| ø | Metr. EN 60423 | [IP 65] | mm | øl mm | St. Pcs. | | St. Pcs. |
| 10 | M 10 x 1,0 | 5010.328.010 | 7 x 10 | 6,0 | 50 | 5010.828.010 | 10 |
| 14 | M 12 x 1,5 | 5010.327.012 | 11 x 14 | 9,0 | 50 | 5010.827.012 | 10 |
| 17 | M 16 x 1,5 | 5010.328.016 | 13 x 17 | 11,5 | 50 | 5010.828.016 | 10 |
| 21 | M 20 x 1,5 | 5010.328.020 | 17 x 21 | 15,5 | 50 | 5010.828.020 | 10 |
| 27 | M 25 x 1,5 | 5010.340.025 | 23 x 27 | 21,0 | 25 | 5010.840.025 | 10 |
| 36 | M 32 x 1,5 | 5010.328.032 | 29 x 36 | 27,5 | 25 | 5010.828.032 | 2 |
| 45 | M 40 x 1,5 | 5010.328.040 | 38 x 45 | 35,0 | 20 | 5010.828.040 | 2 |
| 56 | M 50 x 1,5 | 5010.328.050 | 49 x 56 | 45,0 | 10 | 5010.828.050 | 2 |
| 56 | M 63 x 1,5 | 5010.328.163 | 49 x 56 | 45,0 | 10 | 5010.828.163 | 2 |
| 75 | M 75 x 1,5 | 5010.328.075 | 69 x 75 | 66,0 | 2 | 5010.828.163 | 2 |
| |  | AIRflex®-KUW-PVC-AS AIRflex®-KUW-PU-AS AIRflex®-GRS [IP 65] AIRflex®-K |  | | | Kleine VPE Small packing unit | |
| ø | Metr. EN 60423 | [IP 54] | mm | øl mm | St. Pcs. | | St. Pcs. |
| 10 | M 10 x 1,0 | 5010.330.010 | 7 x 10 | 6,0 | 50 | 5010.830.010 | 10 |
| 14 | M 12 x 1,5 | 5010.330.012 | 10 x 14 | 9,0 | 50 | 5010.830.012 | 10 |
| 17 | M 16 x 1,5 | 5010.330.016 | 13 x 17 | 11,5 | 50 | 5010.830.016 | 10 |
| 21 | M 20 x 1,5 | 5010.330.020 | 16 x 21 | 14,5 | 50 | 5010.830.020 | 10 |
| 27 | M 25 x 1,5 | 5010.330.025 | 21 x 27 | 19,5 | 25 | 5010.830.025 | 10 |
| 36 | M 32 x 1,5 | 5010.330.032 | 29 x 36 | 26,5 | 25 | 5010.830.032 | 2 |
| 45 | M 40 x 1,5 | 5010.330.040 | 38 x 45 | 35,0 | 20 | 5010.830.040 | 2 |
| 56 | M 50 x 1,5 | 5010.330.050 | 48 x 56 | 45,5 | 10 | 5010.830.050 | 2 |
| 56 | M 63 x 1,5 | 5010.330.163 | 48 x 56 | 45,5 | 10 | 5010.830.163 | 2 |



Portrait
ROHRflex
Wellenschlauche
FLEXAquick
Anschluss-
technik
Metall
Schläuche
Metall
Schläuche
- dicht -
Kunststoff
Schläuche
Spezial
Schläuche
Anschluss-
technik



Portrait



ROHRflex
Conduits



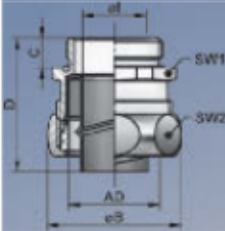
FLEXAquick
Connectors



Metal
Conduits



Metal
Conduits
liquid tight

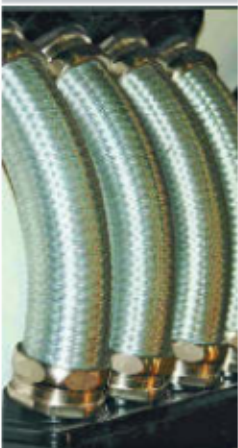


Plastic
Conduits

Special
Conduits



Connectors



| AD OD | | FLEXA No. | | | FLEXA No. | | |
|----------|-------------------|------------------------|---------|----------|---------------------------|--------------|-------------|
| | | FLEXAgraft® -AS | | | Kleine VPE | | |
| | | FLEXAgraft® -VA | | | Small packing unit | | |
| ø | Metr. EN 60423 | [IP 40] | mm | øl mm | St. Pcs. | [IP 40] | St. Pcs. |
| 10 | M 10 x 1,0 | 5010.327.010 | 8 x 10 | 6,5 | 50 | 5010.827.010 | 10 |
| 14 | M 12 x 1,5 | 5010.339.012 | 12 x 14 | 9,0 | 50 | 5010.839.012 | 10 |
| 17 | M 16 x 1,5 | 5010.327.016 | 14 x 17 | 12,5 | 50 | 5010.827.016 | 10 |
| 21 | M 20 x 1,5 | 5010.327.020 | 18 x 21 | 16,5 | 50 | 5010.827.020 | 10 |
| 27 | M 25 x 1,5 | 5010.339.025 | 24 x 27 | 21,0 | 25 | 5010.839.025 | 10 |
| 36 | M 32 x 1,5 | 5010.327.032 | 31 x 36 | 27,5 | 25 | 5010.827.032 | 2 |
| 45 | M 40 x 1,5 | 5010.327.040 | 40 x 45 | 35,0 | 20 | 5010.827.040 | 2 |
| 56 | M 50 x 1,5 | 5010.327.050 | 51 x 56 | 45,0 | 10 | 5010.827.050 | 2 |
| 56 | M 63 x 1,5 | 5010.327.163 | 51 x 56 | 45,0 | 10 | 5010.827.163 | 2 |
| 75 | M 75 x 1,5 | 5010.327.075 | 71 x 75 | 66,5 | 2 | | |

| AD OD | | FLEXA No. | | | FLEXA No. | | |
|----------|-------------------|----------------------------|---------|----------|-----------|--|-------------|
| | | FLEXAgraft® -SI-ASF | | | | | |
| ø | Metr. EN 60423 | [IP 66] | mm | øl mm | | | St. Pcs. |
| 14 | M 12 x 1,5 | 5010.337.012 | 10 x 14 | 9,0 | | | 50 |
| 17 | M 16 x 1,5 | 5010.337.016 | 12 x 17 | 10,5 | | | 50 |
| 21 | M 20 x 1,5 | 5010.335.020 | 16 x 21 | 14,5 | | | 50 |
| 27 | M 25 x 1,5 | 5010.301.025 | 21 x 27 | 19,5 | | | 25 |
| 36 | M 32 x 1,5 | 5010.337.032 | 27 x 36 | 26,5 | | | 25 |
| 45 | M 40 x 1,5 | 5010.337.040 | 36 x 45 | 34,5 | | | 20 |
| 56 | M 50 x 1,5 | 5010.337.050 | 47 x 56 | 45,0 | | | 10 |
| 56 | M 63 x 1,5 | 5010.337.163 | 47 x 56 | 45,0 | | | 10 |

| ø | Metr. EN 60423 | [IP 40] | mm | øl mm | [IP 40] | mm | øl mm | St. Pcs. |
|----|-------------------|--------------|---------|----------|--------------|---------|----------|-------------|
| 10 | M 10 x 1,0 | 5011.328.010 | 7 x 10 | 6,0 | 5011.328.010 | 7 x 10 | 6,0 | 50 |
| 14 | M 12 x 1,5 | 5011.327.012 | 11 x 14 | 9,0 | 5011.328.012 | 10 x 14 | 8,5 | 50 |
| 17 | M 16 x 1,5 | 5011.328.016 | 13 x 17 | 11,5 | 5011.328.016 | 13 x 17 | 11,0 | 50 |
| 21 | M 20 x 1,5 | 5011.328.020 | 17 x 21 | 16,0 | 5011.328.020 | 17 x 21 | 15,5 | 50 |
| 27 | M 25 x 1,5 | 5011.340.025 | 23 x 27 | 21,0 | 5011.328.025 | 22 x 27 | 20,5 | 25 |
| 36 | M 32 x 1,5 | 5011.328.032 | 29 x 36 | 27,5 | 5011.328.032 | 29 x 36 | 27,5 | 25 |
| 45 | M 40 x 1,5 | 5011.328.040 | 38 x 45 | 35,0 | 5011.328.040 | 38 x 45 | 35,0 | 20 |
| 56 | M 50 x 1,5 | 5011.328.050 | 49 x 56 | 45,0 | 5011.328.050 | 49 x 56 | 45,0 | 10 |
| 56 | M 63 x 1,5 | 5011.328.163 | 49 x 56 | 47,0 | 5011.328.163 | 49 x 56 | 45,0 | 10 |

| ø | Metr. EN 60423 | [IP 54] | mm | øl mm | [IP 54] [IP 52] | mm | øl mm | St. Pcs. |
|----|-------------------|--------------|---------|----------|--------------------|---------|----------|-------------|
| 14 | M 12 x 1,5 | 5011.328.012 | 9 x 14 | 8,5 | 5011.328.012 | 9 x 14 | 8,5 | 50 |
| 17 | M 16 x 1,5 | 5011.335.016 | 12 x 17 | 11,0 | 5011.335.016 | 12 x 17 | 11,0 | 50 |
| 21 | M 20 x 1,5 | 5011.335.020 | 15 x 21 | 14,5 | 5011.335.020 | 16 x 21 | 14,5 | 50 |
| 27 | M 25 x 1,5 | 5011.335.025 | 20 x 27 | 19,5 | 5011.301.025 | 21 x 27 | 19,5 | 25 |
| 36 | M 32 x 1,5 | 5011.328.032 | 28 x 36 | 27,5 | 5011.337.032 | 28 x 36 | 27,5 | 25 |
| 45 | M 40 x 1,5 | 5011.335.040 | 37 x 45 | 35,0 | 5011.335.040 | 37 x 45 | 35,0 | 20 |
| 56 | M 50 x 1,5 | 5011.335.050 | 48 x 56 | 45,0 | 5011.335.050 | 48 x 56 | 45,0 | 10 |
| 56 | M 63 x 1,5 | 5011.335.163 | 48 x 56 | 45,5 | 5011.335.163 | 48 x 56 | 47,5 | 10 |

