



Plastic tube connector; rigid connecting thread

Applications

- cable protection: cable protection screw connection for assembling of a fitting protection hose, cable protection tube, cable protection hose, electric installation, switch cabinets, switch cabinet installation, cable harnessing/ cable assembly

Properties

- IP 65 to EN/ IEC 60529
- IP 65 to EN/ IEC 60529 assembled with o-ring sealing in first groove of the conduit (size 50mm in the first and second groove)
- easily and quickly fitted
- re-usable

- one-piece
- vibration resistant
- good resistance to oil, gasoline and chemicals
- good resistance to alkalis and acids
- designed according to EN 60204 for plant and mechanical engineering
- conforms to RoHS guideline

Temperature Range

- -40°C to 120°C
- short time to 130°C

Design

- accessories
- body: nickel-plated brass, rigid connecting thread with hexagonal spanner surface

Delivery variants

- further diameters and lengths available on request
- grey (standard)
- black (standard)

| Nominal Length tube (mm) | Outer thread metric M EN 60423 | Thread PG DIN 40430 | Total Length L (mm) | Wrench Size across Flats SW (mm) | O.D. D (mm) | I.D. d (mm) | Weight (kg/100pcs) | PU (Pcs) | Order No. |
|--------------------------|--------------------------------|---------------------|---------------------|----------------------------------|-------------|-------------|--------------------|----------|---------------|
| black | | | | | | | | | |
| 8,5 | M 12 x 1,5 | - | 35 | 16 | 23 | 7,5 | 0,41 | 50 | 183-8012-9050 |
| 10 | M 16 x 1,5 | - | 36 | 17 | 24,5 | 11 | 0,469 | 50 | 183-8016-9050 |
| 13 | M 20 x 1,5 | - | 38 | 20 | 29 | 15,2 | 0,636 | 50 | 183-8020-9050 |
| 17 | M 25 x 1,5 | - | 43 | 27 | 38,5 | 19,1 | 1,287 | 50 | 183-8025-9050 |
| 29 | M 32 x 1,5 | - | 52 | 41 | 55,5 | 25,5 | 2,852 | 20 | 183-8032-9020 |
| 37 | M 40 x 1,5 | - | 62 | 50 | 66,5 | 34 | 4,581 | 10 | 183-8040-9010 |
| 50 | M 50 x 1,5 | - | 68 | 64 | 80 | 43,5 | 7,697 | 5 | 183-8050-9005 |
| 50 | M 63 x 1,5 | - | 68 | 64 | 80 | 53,2 | 7,79 | 5 | 183-8063-9005 |
| 10 | M 12 x 1,5 | - | 36 | 17 | 24,5 | 7,5 | 0,439 | 50 | 183-8112-9050 |
| 13 | M 16 x 1,5 | - | 38 | 20 | 29 | 11 | 0,628 | 50 | 183-8116-9050 |
| 17 | M 20 x 1,5 | - | 43 | 27 | 38,5 | 15,4 | 1,205 | 50 | 183-8120-9050 |
| 23 | M 25 x 1,5 | - | 48 | 34 | 48,5 | 19,1 | 1,969 | 25 | 183-8125-9025 |
| 8,5 | - | PG 7 | 35 | 16 | 23 | 7,5 | 0,433 | 50 | 183-9007-9050 |
| 10 | - | PG 9 | 36 | 17 | 24,5 | 11 | 0,455 | 50 | 183-9009-9050 |
| 10 | - | PG 11 | 36 | 17 | 24,5 | 12,5 | 0,466 | 50 | 183-9011-9050 |
| 13 | - | PG 13,5 | 38 | 20 | 29 | 15,2 | 0,665 | 50 | 183-9013-9050 |
| 17 | - | PG 16 | 43 | 27 | 38,5 | 18,1 | 1,219 | 50 | 183-9016-9050 |
| 23 | - | PG 21 | 48 | 34 | 48,5 | 23 | 1,955 | 25 | 183-9021-9025 |
| 29 | - | PG 29 | 52 | 41 | 55,5 | 31 | 2,839 | 20 | 183-9029-9020 |
| 37 | - | PG 36 | 62 | 50 | 66,5 | 39 | 4,798 | 10 | 183-9036-9010 |
| 50 | - | PG 48 | 68 | 64 | 80 | 43,5 | 7,617 | 5 | 183-9048-9005 |
| 10 | - | PG 7 | 36 | 17 | 24,5 | 9 | 0,431 | 50 | 183-9107-9050 |
| 13 | - | PG 9 | 38 | 20 | 29 | 11 | 0,6 | 50 | 183-9109-9050 |

Overpressure and underpressure are recommended threshold operating values, products can be subjected to higher loads upon request. The bending radius is measured through the inside of the hose arch. The right to make technical modifications is reserved. All values determined at 20°C and are approx. data. Additional information at www.norres.com/en/technology/.

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| Nominal Length tube (mm) | Outer thread metric M EN 60423 | Thread PG DIN 40430 | Total Length L (mm) | Wrench Size across Flats SW (mm) | O.D. D (mm) | I.D. d (mm) | Weight (kg/100pcs) | PU (Pcs) | Order No. |
|--------------------------|--------------------------------|---------------------|---------------------|----------------------------------|-------------|-------------|--------------------|----------|---------------|
| 13 | - | PG 11 | 38 | 20 | 29 | 14,5 | 0,62 | 50 | 183-9111-9050 |
| 17 | - | PG 13,5 | 43 | 27 | 38,5 | 15,4 | 1,237 | 50 | 183-9113-9050 |

grey

| | | | | | | | | | |
|-----|------------|---------|----|----|------|------|-------|----|---------------|
| 8,5 | M 12 x 1,5 | - | 35 | 16 | 23 | 7,5 | 0,41 | 50 | 183-8012-9150 |
| 10 | M 16 x 1,5 | - | 36 | 17 | 24,5 | 11 | 0,469 | 50 | 183-8016-9150 |
| 13 | M 20 x 1,5 | - | 38 | 20 | 29 | 15,2 | 0,636 | 50 | 183-8020-9150 |
| 17 | M 25 x 1,5 | - | 43 | 27 | 38,5 | 19,1 | 1,287 | 50 | 183-8025-9150 |
| 29 | M 32 x 1,5 | - | 52 | 41 | 55,5 | 25,5 | 2,852 | 20 | 183-8032-9120 |
| 37 | M 40 x 1,5 | - | 62 | 50 | 66,5 | 34 | 4,581 | 10 | 183-8040-9110 |
| 50 | M 50 x 1,5 | - | 68 | 64 | 80 | 43,5 | 7,697 | 5 | 183-8050-9105 |
| 50 | M 63 x 1,5 | - | 68 | 64 | 80 | 53,2 | 7,79 | 5 | 183-8063-9105 |
| 10 | M 12 x 1,5 | - | 36 | 17 | 24,5 | 7,5 | 0,439 | 50 | 183-8112-9150 |
| 13 | M 16 x 1,5 | - | 38 | 20 | 29 | 11 | 0,628 | 50 | 183-8116-9150 |
| 17 | M 20 x 1,5 | - | 43 | 27 | 38,5 | 15,4 | 1,205 | 50 | 183-8120-9150 |
| 23 | M 25 x 1,5 | - | 48 | 34 | 48,5 | 19,1 | 1,969 | 25 | 183-8125-9125 |
| 8,5 | - | PG 7 | 35 | 16 | 23 | 7,5 | 0,433 | 50 | 183-9007-9150 |
| 10 | - | PG 9 | 36 | 17 | 24,5 | 11 | 0,455 | 50 | 183-9009-9150 |
| 10 | - | PG 11 | 36 | 17 | 24,5 | 12,5 | 0,466 | 50 | 183-9011-9150 |
| 13 | - | PG 13,5 | 38 | 20 | 29 | 15,2 | 0,665 | 50 | 183-9013-9150 |
| 17 | - | PG 16 | 43 | 27 | 38,5 | 18,1 | 1,219 | 50 | 183-9016-9150 |
| 23 | - | PG 21 | 48 | 34 | 48,5 | 23 | 1,955 | 25 | 183-9021-9125 |
| 29 | - | PG 29 | 52 | 41 | 55,5 | 31 | 2,839 | 20 | 183-9029-9120 |
| 37 | - | PG 36 | 62 | 50 | 66,5 | 39 | 4,798 | 10 | 183-9036-9110 |
| 50 | - | PG 48 | 68 | 64 | 80 | 43,5 | 7,617 | 5 | 183-9048-9105 |
| 10 | - | PG 7 | 36 | 17 | 24,5 | 9 | 0,431 | 50 | 183-9107-9150 |
| 13 | - | PG 9 | 38 | 20 | 29 | 11 | 0,6 | 50 | 183-9109-9150 |
| 13 | - | PG 11 | 38 | 20 | 29 | 14,5 | 0,62 | 50 | 183-9111-9150 |
| 17 | - | PG 13,5 | 43 | 27 | 38,5 | 15,4 | 1,237 | 50 | 183-9113-9150 |

Accessories



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Overpressure and underpressure are recommended threshold operating values, products can be subjected to higher loads upon request. The bending radius is measured through the inside of the hose arch. The right to make technical modifications is reserved. All values determined at 20 °C and are approx. data. Additional information at www.norres.com/en/technology/.