



Typ EWS



Product information

The EWS cable protection conduits are made of specially modified polyethylene. The material is halogen, phosphor and cadmium-free. They are characterised by excellent flexibility and good resetting characteristics. The EWS Cable conduits are suitable for light mechanical loads in control cabinet construction and wherever cables are bundled.

Applications:

- Control cabinet construction

Information, conformities and approvals



Made in
Germany

| Article | Order No. | Color | metric | PG | NW | A Ø mm | B Ø mm | Stat./Dyn. Radius mm | Weight kg/100m | PU m |
|--------------------|-----------|-------|--------|------|-------|-----------|-----------|----------------------------|-------------------|------|
| EWS-M20/P16 | 83101610 | Gray | M20 | PG16 | NW 17 | 15.9 | 20.7 | 55/- | 5.4 | 50 |
| EWS-M25/P21 | 83101612 | Gray | M25 | PG21 | NW 23 | 22.6 | 28.3 | 70/- | 8.2 | 50 |
| EWS-M32/P29 | 83101614 | Gray | M32 | PG29 | NW 29 | 27.8 | 34.3 | 80/- | 9.5 | 25 |
| EWS-M32/P29S 1) | 83101620 | Gray | M32 | PG29 | NW 29 | 29.3 | 34 | 80/- | 9.5 | 25 |
| EWS-M40/P36 | 83101616 | Gray | M40 | PG36 | NW 36 | 35.6 | 42 | 100/- | 12.4 | 25 |
| EWS-M50/P48 | 83101618 | Gray | M50 | PG48 | NW 48 | 46.3 | 53.9 | 115/- | 19.5 | 25 |

1) No stock goods, delivery time and minimum order quantities upon request

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Material properties



mod. polyethylene



High angle consistency

>60 N 50 x 50 mm According to IEC EN 61386 M25/P21 Testing at 23 °C



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Material properties

| | |
|--|--|
| | >110 N 100 x 100 mm According to IEC EN 61386 M25/P21 Testing at 23 °C |
| | Flexural fatigue strength |
| | >20000 Cycles According to IEC EN 61386 M25/P21 Testing at -45 °C |
| | System tear-out strength |
| | >80 N According to IEC EN 61386 M25/P21 Testing at 23 °C Fitting M-PRO |

Thermal properties

| | |
|--|------------------------------------|
| | Temperature / temperature range |
| | -20 °C - 70 °C / short term: 90 °C |

Fire properties

| | |
|--|---------------------|
| | Fire classification |
| | acc. to UL94: HB |

Chemical resistances

| | |
|--|---------------|
| | Resistant to: |
| | Alcohol |
| | Greases |
| | Fuels |
| | Mineral oils |
| | Weak acids |
| | Lyes |

Technical information

| | |
|--|--------------|
| | Halogen-free |
|--|--------------|

Classification

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| ETIM 9: EC001175 |
| ECLASS 14: 27430305 |

General information

| | |
|--|-----------------|
| | Made in Germany |
|--|-----------------|

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