



# 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



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 <sup>1)</sup>	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

<sup>1)</sup> 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

ETIM 9: EC001175

ECLASS 14: 27430305

### General information



Made in Germany

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