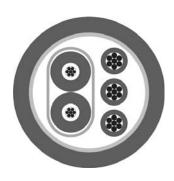
**RoHS** 

Profibus ET200X + EC0FAST



#### **Type Cable structure**

Inner conductor diameter 1: Inner conductor diameter 2: Core insulation 1:

Core insulation 2: Core colours 1: Core colours 2: Stranding element 1:

Shielding 1:

Shielding 2: Total shielding:

Outer sheath material: Cable external diameter: Outer sheath colour:

#### **Electrical data**

Characteristic impedance: Conductor resistance: Insulation resistance: Mutual capacitance: Test voltage: Attenuation:

# **Technical data**

Weight:

Min. bending radius for laying: Operating temperature range min.: Operating temperature range max.:

Caloric load, approx. value:

Copper weight:

#### Norms

Applicable standards: UL Style:

Profibus acc. to DIN 19245 T3 and EN50170 Profibus acc. to DIN 19245 T3 and EN50170

# AWM Style 20351

**Drag chain applications** 

3x1x0.75 mm<sup>2</sup> (stranded)

Polyester foil over stranded bundle

1x2x0.65 mm +

Copper, bare (AWG 22/19)

Copper, bare (AWG 18/24)

approx.  $9.5 \text{ mm} \pm 0.5 \text{ mm}$ 

Petrol similar to RAL 5018

Foam-skin-PE

bk, bu, gnye

Double core

Foil + braid

Polvester foil

150 Ohm ± 10 %

84.0 Ohm/km max.

30,0 nF/km nom.

kHz

38,4 kHz < 5,0

approx. 105,0 kg/km

140,0 mm -5°C

1,97 MJ/m

46,0 kg/km

+60°C

1.5 kV

9,6

4

16

1,00 G0hm x km min.

< 3,0

MHz < 25,0 dB/Km

MHz < 52,0 dB/Km

dB/Km

dB/Km

**PVC** 

rd, gn

# **HELUKABEL Profibus ET 200X**

## **Drag chain applications** 1x2x0.65 mm + 4x1x1.5 mm<sup>2</sup> (stranded)

Copper, bare (AWG 24/19) Copper, bare (AWG 18/84)

Foam-skin-PE TPM

**HELUKABEL Profibus ECOFAST** 

rd, gn bk, bk, bk, bk

2 cores + 2 fillers stranded together Polyester foil over stranded bundle

Foil + braid

approx.  $11,0 \text{ mm} \pm 0,3 \text{ mm}$ Violet similar to RAL 4001

150 Ohm ± 15,00 % 89.9 Ohm/km max. 1,00 G0hm x km min. 30,0 nF/km nom.

1.5 kV

9,6 kHz 3,0 dB/km 5,0 dB/km 38,4 kHz 4 MHz 30.0 dB/km 16 MHz 60,0 dB/km

approx. 159,0 kg/km

165,0 mm -20°C +60°C 2,84 MJ/m 90,0 kg/km

UL Style 20233

### **Application**

The Profibus-ET200X and Profibus ECOFAST lines used in the area of process automation. These BUS systems are a very economical solution for the cell and field area. For the information exchange between different automation systems as well as for communication with the connected decentralized field units, serial field bus systems are used. The series ET200X and DESINA® hybrid are characterized by a special construction with data and power supply in one cable. These types are suited for the application in drag chains and similar mobile applications.

Part no. **82913**, Profibus L2 800044, Profibus L2

Dimensions and specifications may be changed without prior notice.





