



Bus system PROFIBUS-DP/FMS/FIP • Fixed Installation













## UNITRONIC® BUS PB ROBUST

Halogen-free PROFIBUS cable - resistant to a wide range of chemical media

- · Excellent weather resistance
- · Good chemical resistance

#### **Benefits**

· Robust PROFIBUS cable for use under harsh environmental conditions

#### Application range

Info

- For use for PROFIBUS-DP or FIP in harsh industrial environments
- Fixed Installation

#### **Product features**

- Significantly extended use and application areas, water and chemical resistance for use in industrial conditions.
- · High resistance to tensides, soaps etc.
- UV-resistant
- Flame-retardant according IEC 60332-1-2
- Based on the bit rates listed, in accordance with PNO specifications the following maximum cable lengths for a bus

segment apply (cable type A, PROFIBUS-DP):

93.75 kbit/s = 1200 m

187.5 kbit/s = 1000 m

500 kbit/s = 400 m 1.5 Mbit/s = 200 m

12.0 Mbit/s = 100 m

# **Product Make-up**

- · Solid and bare copper conductor
- · Core insulation: cellular PE, O2Y(S)
- · Overall screening with copper braid and plastic-laminated aluminium foil

LAPP KABEL STUTTGART UNITRONIC® BUS PB ROBUST

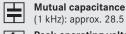
- Outer sheath: Specially formulated TPE, violet (RAL 4001)
- · With conventional cable design

#### **Technical data**

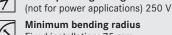


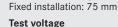
Classification ETIM 5/6 ETIM 5.0/6.0 Class-ID: EC000830

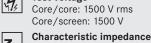
ETIM 5.0/6.0 Class-Description: Data cable



(1 kHz): approx. 28.5 nF/km Peak operating voltage









Article number	Article designation	Number of pairs and conductor diameter (mm)	Outer diameter [mm]	Copper index (kg/km)	Weight (kg/km)
for fixed installation					
2170620	LINITRONIC® BLIS PR ROBLIST	1 x 2 x 0 64	8	26	55

Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request. Copper price basis: EUR 150/100 kg. Refer to catalogue appendix T17 for the definition and calculation of copper-related surcharges. Please find our standard lengths at: www.lappkabel.de/en/cable-standardlengths

Packaging size: coil  $\leq$  30 kg or  $\leq$  250 m, otherwise drum

Please specify the preferred type of packaging (e.g. 1 x 500 m drum or 5 x 100 m coils). SIMATIC® is a registered trademark of SIEMENS AG. FIP is a registered trademark of World FIP

Lapp Kabel is a member of the PROFIBUS user organisation (PNO)

Photographs and graphics are not to scale and do not represent detailed images of the respective products

### Accessories

Sub-D Bus-Connectors