

Verbreeppark 15 NL-2731 BR Benthuizen
 Postbus 183 NL-2700 AD Zoetermeer
 Telefoon (079) 331 93 13*
 Fax (079) 342 35 72
 E-mail info@jobarco.com
 Internet www.jobarco.com

Bank ABN-AMRO Amsterdam
 45.73.01.031
 IBAN NL17ABNA0457301031
 BIC ABNANL2A
 Postbank 233083
 K.v.K. Leiden nr. 28058530

PROFIBUS HIGHFLEX

Flexible halogen free bus cable for use in profibus systems, in 100-120 Ω and 150 Ω

Application : Data communication cable for use in profibus systems. The highflex profibus is suitable for use in cable chains or dynamic applications.

TECHNICAL DATA : TYPE PROFIBUS HIGHFLEX 100-120 Ω



| | | | |
|---------------------------|---|------------------------------|----------------|
| Construction of conductor | : Highly flexible, finely stranded wire, bare copper 0,25 mm ² . | | |
| Insulation of conductor | : foam polyolefin, cores twisted in pairs. | | |
| Coding of conductors | : pair 1: white, brown. Pair 2: white-brown, green-yellow. | | |
| Braiding | : Tinned copper braiding, approx. 85%. | | |
| Outer jacket | : PUR, halogen free. | | |
| Outer jacket colour | : purple RAL 4001. | | |
| Bend radius min. | : 7,5 x outer diameter. | | |
| Temperature range | : -30°C - +80°C. | | |
| Insulation resistance | : min. 20 Mohm x km. | | |
| Characteristic impedance | : 100-120 Ω | | |
| Test voltage | : core/core 1200 Volt. | | |
| Voltage rating | : 250 Volt. | | |
| In stock | : Articulenumber | Dimension | Outer diameter |
| | 0159701 | 1 x 2 x 0,25 mm ² | ca. 4,7 mm |
| | 0159702 | 2 x 2 x 0,25 mm ² | ca. 7,3 mm |

TECHNICAL DATA : TYPE PROFIBUS HIGHFLEX 150 Ω



| | | | |
|---------------------------|---|------------------------------|----------------|
| Construction of conductor | : Highly flexible, finely stranded wire, bare copper 0,25 mm ² . | | |
| Insulation of conductor | : pp, cores twisted in pairs. | | |
| Coding of conductors | : green, red. | | |
| Braiding | : Tinned copper braiding, approx. 85%. | | |
| Outer jacket | : PUR, halogen free. | | |
| Outer jacket colour | : purple RAL 4001. | | |
| Bend radius min. | : 10 x outer diameter. | | |
| Temperature range | : -25°C - +80°C. | | |
| Insulation resistance | : min. 20 Mohm x km. | | |
| Characteristic impedance | : 150 Ω | | |
| Test voltage | : core/core 2500 Volt. | | |
| Voltage rating | : 300 Volt. | | |
| In stock | : Articulenumber | Dimension | Outer diameter |
| | 0159704 | 1 x 2 x 0,25 mm ² | ca. 8,0 mm |

Recommended connector for both types:
WAGO 750-971

