

LK BUS CABLE

CANBUS (RS485) 2 x 2 x AWG22/7 PVC



Specification

■ Inner Conductor	Bare Copper	
■ Insulation	PVC	
■ Insulation Color	White/Brown, Green/Yellow	
■ Filler Material	PE Strip	
■ Foil Shield	AL-PET	>110%
■ Braiding Shield	Tinned Copper	96 x 0.12±0.008
■ Coverage		≥60%
■ Jacket	PVC	
■ Jacket Color	Violet	RAL 4001

Electrical Performance (20°C)

- Voltage Rating : 300 V
- Test Voltage (50Hz, 1min): AC 2000V
- Mutual Capacitance(nominal)C-C:40 pF/m
- Impedence : 120Ω
- Conductor Loop Resistance @ 20°C: ≤53Ω/km
- Min Bending Radius : 7.5 Cable diameter

APPLICATIONS

Cable incorporates low capacitance insulation with one of the highest levels of screening to provide high speed, interference free, data transmission for RS485 data connection



APPLICATIONS
-Fieldbus cable for CAN (Controller Area Network) system Foundation



THERMAL PERFORMANCE
-Maximum services temperature: 80°C
-Minimum services temperature: -20°C



BASED ON
-ISO 11898



MECHANICAL PERFORMANCE
-Minimum bending radius: 7.5 x Cable diameter



ENVIRONMENTAL PERFORMANCE
-Water resistance: AD5 Jets
-Chemical & Oils resistance: Good



APPROVALS
-RoHS



ELECTRICAL PERFORMANCE
-Low Voltage : 300V
-Test Voltage : AC 2000V



FIRE PERFORMANCE
-Flame non-propagation base on IEC60332-1



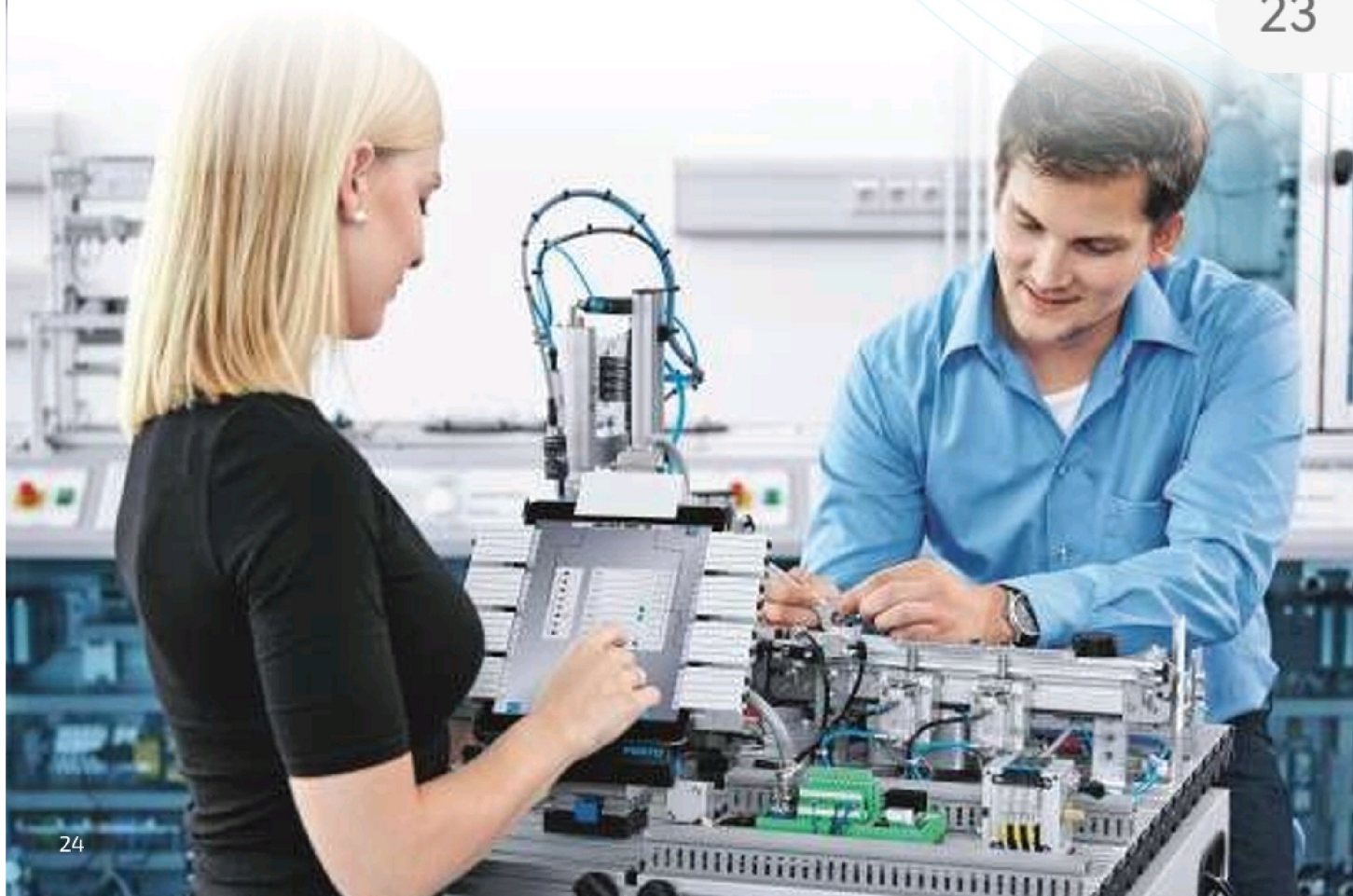
INSTALLATION CONDITIONS
-In conduit
-Open Air

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Type	Dimension	Cu content kg/km	Outer diameter approx.mm	Weight approx. kg/km
Canbus	2 x 2 x AWG 22/7	48.0	8.5	85

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