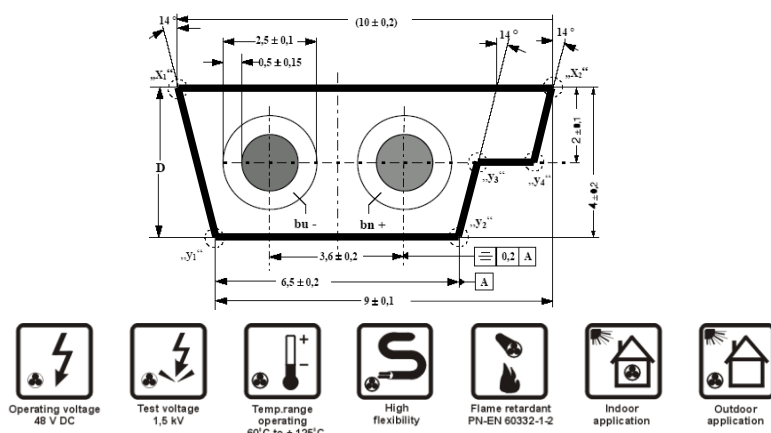


## TECHNOTRONIK C-BUS/A/J 2x1.5 mm<sup>2</sup>

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### ASI BUS CABLE (Actuator Sensor Interface)



### APPLICATIONS

TECHNOTRONIK C-BUS/A/J 2x1.5 mm<sup>2</sup> cable is intended for industrial AS-I bus control systems.

The cable is applied for connecting a control unit with sensors and actuators to provide power supply and data transmission.

The cable is suitable for indoor and outdoor installations.

Cable outer sheath is oil-resistant.

### CONSTRUCTION

- flexible, multiwire conductors, stranded of annealed tin-plated copper wires, meeting requirements of class 6 per PN-EN 60228, cross-section 1.5 mm<sup>2</sup>,
- wire insulation made of thermoplastic elastomer (TPE-S),
- insulated conductors arranged in parallel along the cable at constant distance between them,
- identification colour code: brown, blue,
- yellow cable sheath made of thermoplastic elastomer (TPE-S).

### CHARACTERISTICS

Characteristic impedance	120 ± 20 Ω	Operating temperature range	from - 60 to + 125 °C
Mutual capacitance at 1 kHz	45 ± 5 nF/km	Minimum bending radius for fixed installation	3 x thickness or 4x width
Inductance, approximate	0.64 mH/km	for movable installation	6 x thickness or 10x width
DC conductor resistance at 20°C, maximum	13.7 Ω/km	Cable combustibility	flame retardant
Insulation resistance, minimum	20 MΩ·km	Combustibility tests	PN-EN 60332-1-2, IEC 60332-1-2
Operating voltage	48 V DC	Reference standards	EN 50295
Voltage test	1500 V rms		

☑ = the cable meets requirements of the low voltage directive 2014/35/EU

Product No.	Number of pairs (x 2) x conductor cross-section	Cable outer diamensions (appr.)	Copper index	Cable weight (appr.)
	mm <sup>2</sup>	mm	kg/km	kg/km
0471 001	2x1,5	4.0x10.0	28.8	74.5

TECHNOKABEL S.A. reserves the right to change specifications without prior notice.