
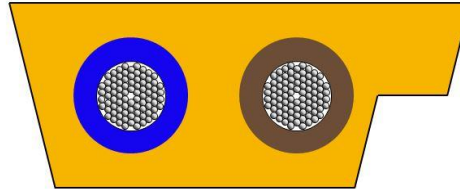


2170228	<b>DATA SHEET</b>	
valid from: 01.01.2019	<b>UNITRONIC® BUS AS-INTERFACE (G)</b>	

## Application

UNITRONIC® BUS ASI (G) with the design code 3G3G-FI 2 x 1,5 is a field-bus cable with two cores for AS-INTERFACE (Actuator-Sensor Interface). The cable is intended for fixed installation and flexible applications without tensile stress and forcible control in dry and damp interiors. The version with black outer sheath can be used outdoors.

## Design



Conductor	tinned copper, ca. 1.5 mm $\varnothing$ , fine-wire stranded
Insulation	rubber-based elastomer compound, core $\varnothing$ ca. 2.5 mm
Core identification code	colors of the cores: brown (+), blue (-)
Stranding	2 cores parallel deviation brown core assembled in line with leading edge
Outer sheath	rubber-based elastomer compound, dimensions and tolerances acc. to ASI specification sheath colours: art.no. 2170228: yellow (similar to RAL 1012) art.no. 2170229: black (similar to RAL 9005)

## Electrical properties at 20°C

Conductor resistance	max. 13,7 $\Omega$ /km
Insulation resistance	min. 10 G $\Omega$ cm
Peak operating voltage	300 V (not for power purposes)
Test voltage	conductor/conductor 2000 V

## Mechanical and thermal properties

Minimum bending radius	moved: 16 mm fixed installation: 12 mm
Temperature range	moved: -30 °C up to +85 °C fixed installation: -40 °C up to +85 °C
Halogen free	halogen free acc. to VDE 0472-815
General requirements	This cable is conform to the EU-Directive 2011/65/EU (RoHS, Restriction of the use of certain hazardous substances).

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