

**UNITRONIC® BUS IS PUR 2x6+2x2,5+1x4x0,5**
**Article No.:** 2170561

Bus cable; ISOBUS; Fixed Installation; Nominal characteristic impedance: 75; 2X6+2X2.5+1X4X0.5; PUR; Halogenfree; black


**CE**

**Details**
**Notes**

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

If applicable, the prices are solid metal prices without additional charges and VAT. Sales only to business customers.

Unless specified otherwise, the product values shown are rated values at room temperature. You can receive additional values, such as tolerances, upon request if they are available and have been released for publication.

**Remarks**

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 Technical Data

**General information**

Brand	UNITRONIC®
Product type	Bus cable
Copper index	1225.5 lb/10000 ft
valid Fieldbus or Ethernet System	ISOBUS

**Electrical parameters**

Maximum operating voltage (not for power transmission)	60 V
Nominal characteristic impedance	75 Ω

**Product design**

Conductor count/size	2X6+2X2.5+1X4X0.5
Nominal cross section conductor (mm <sup>2</sup> )	6 mm <sup>2</sup>
Leading conductor cross-section	mm <sup>2</sup>
Conductor material	Bare Copper
Conductor design	fine-wire
Including protective ground	No
Number of cores	8
Cable element 1	Power conductor: 2X6
Cable element 2	Power conductor: 2x2.5
Cable element 3	Power conductor: 4x0.5
Wrapping above stranding	Fleece Wrapping
Shielded	No
With rodent protection	No
Nominal outer diameter	0.614 in
Cable form	Round
Core insulation base material	Polyvinylchloride
Conductor insulation basic material, short form	PVC
Basic material of outer jacket	Polyurethane
Base material of outer sheath, shortname	PUR

Outer jacket color	black
Colour outer sheath RAL code	RAL 9005
Core identification	Colors

#### Product features

Application area	Fixed Installation
For permanent bending	No
Minimum bending radius, stationary	10 x outer diameter
Minimum bending radius in inch, fixed installation	6.142 in
Minimum bending radius, occasionally moved	15 x outer diameter
Minimum bending radius in mm, occasionally moved	9.213 in
Temperature, fixed installation	-40 °C to 85 °C max. conductor temperature
Temperature, occasionally moved	-5 °C to 50 °C max. conductor temperature
Flame-retardant	Yes
Flame retardance according to	IEC 60332-1-2
UV-resistant	Yes
UV-resistant according to	UL sunlight resistant
Halogenfree	Yes
Oil resistant	Yes
MUD resistance according to	IEC 61892-4
Fast Connect (FC) cable	No

#### Certifications and standards

CE marking	Yes
EAC certified	Yes
EAC certification number	EAЭС N RU Д-DE.АЮ64.В.00130/20
VDE certified	No

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**UNITRONIC® BUS IS**

Article No.	Name	Conductor count/size	Base material of outer sheath, shortname	Halogenfree	Copper index
2170560	UNITRONIC® BUS IS PVC 2x6+2x2,5+1x4x0,5	2X6+2X2.5+1X4X0.5	PVC	No	1225.5 lb/10000 ft
2170561	UNITRONIC® BUS IS PUR 2x6+2x2,5+1x4x0,5	2X6+2X2.5+1X4X0.5	PUR	Yes	1225.5 lb/10000 ft

V1.1