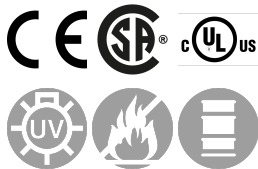
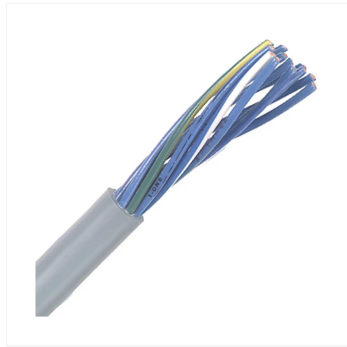


**ÖLFLEX® AUTO-I 16/12C BU COND****Article No.:** 251612IB

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**Details****Benefits**

- Oil resistance

**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****Technical Data****General information**

Brand

ÖLFLEX®

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Product type	Power and control cable
Copper index	1021.9 lb/10000 ft

### Electrical parameters

Rated voltage	600 V AC rms according to UL TC 600 V AC rms according to CSA 1000 V AC rms according to UL WTTC
test voltage	2 kV

### Product design

Cable dimension	12G1.5
Nominal cross section conductor (mm <sup>2</sup> )	1.5 mm <sup>2</sup>
Conductor material	Bare Copper
Conductor design	Class K according to ASTM B 174
Including protective ground	Yes
Number of cores	12
Shielded	No
Nominal outer diameter	0.555 in
Cable form	Round
Core insulation base material	Polyvinylchloride
Conductor insulation basic material, short form	PVC
Basic material of outer jacket	Thermoplastic elastomers
Base material of outer sheath, shortname	TPE
Outer jacket color	gray
Core identification	Colors and Numbers

### Product features

Application area	Flexible Fixed Installation
Minimum bending radius, stationary	4 x outer diameter
Minimum bending radius in inch, fixed installation	2.22 in

Minimum bending radius, occasionally moved	4 x outer diameter
Minimum bending radius in mm, occasionally moved	2.22 in
Temperature, fixed installation	-40 °C to 105 °C max. conductor temperature
Temperature, occasionally moved	-25 °C to 90 °C max. conductor temperature according to UL/CSA TC -25 °C to 105 °C max. conductor temperature
Flame-retardant	Yes
Flame retardance according to	UL Vertical-Tray Flame Test CSA FT4
UV-resistant	Yes
UV-resistant according to	UL sunlight resistant
weather resistant	Yes
Ozone-resistant	Yes
Halogenfree	No
Oil resistant	Yes
Oil resistance according to	UL OILRES I
Water resistant	Yes
Mechanically resistant	Yes

#### Certifications and standards

CE marking	Yes
UL recognized	No
UL listed	Yes
UL certification	UL 75°C WET according to UL 13 UL 90°C DRY according to UL 13 UL DIR BUR according to UL 13 UL TC-ER according to UL 1277 UL WTTC according to UL 2277
cUR recognized	No
cUL listed	Yes
cUL certification	cUL CIC/TC 600V according to CSA C22.2 No. 210

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CSA certified	Yes
CSA certification	AWM I A according to CSA C22.2 No. 210 AWM I B according to CSA C22.2 No. 210 AWM II A according to CSA C22.2 No. 210 AWM II B according to CSA C22.2 No. 210
Ecolab certified	No

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**ÖLFLEX® AUTO-I**

Article No.	Name	Nominal cross section conductor (mm <sup>2</sup> )	Number of cores	Including protective ground	Nominal outer diameter	Copper index (lb)
251603IB	ÖLFLEX® AUTO-I 16/3C BU COND	1.5 mm <sup>2</sup>	3	Yes	0.323 in	
251607IB	ÖLFLEX® AUTO-I 16/7C BU COND	1.5 mm <sup>2</sup>	7	Yes	0.409 in	
251611IB	ÖLFLEX® AUTO-I 16/11C BU COND	1.5 mm <sup>2</sup>	11	Yes	0.539 in	
251612IB	ÖLFLEX® AUTO-I 16/12C BU COND	1.5 mm <sup>2</sup>	12	Yes	0.555 in	
251617IB	ÖLFLEX® AUTO-I 16/17C BU COND	1.5 mm <sup>2</sup>	17	Yes	0.634 in	
251619IB	ÖLFLEX® AUTO-I 16/19C BU COND	1.5 mm <sup>2</sup>	19	Yes	0.642 in	
251625IB	ÖLFLEX® AUTO-I 16/25C BU COND	1.5 mm <sup>2</sup>	25	Yes	0.736 in	
251633IB	ÖLFLEX® AUTO-I 16/33C BU COND	1.5 mm <sup>2</sup>	33	Yes	0.815 in	
251642IB	ÖLFLEX® AUTO-I 16/42C BU COND	1.5 mm <sup>2</sup>	42	Yes	0.949 in	
251649IB	ÖLFLEX® AUTO-I 16/49C BU COND	1.5 mm <sup>2</sup>	49	Yes	1.004 in	
251665IB	ÖLFLEX® AUTO-I 16/65C BU COND	1.5 mm <sup>2</sup>	65	Yes	1.122 in	
251803IB	ÖLFLEX® AUTO-I 18/3C BU COND	1 mm <sup>2</sup>	3	Yes	0.295 in	
251805IB	ÖLFLEX® AUTO-I 18/5C BU COND	1 mm <sup>2</sup>	5	Yes	0.343 in	
251807IB	ÖLFLEX® AUTO-I 18/7C BU COND	1 mm <sup>2</sup>	7	Yes	0.37 in	
251811IB	ÖLFLEX® AUTO-I 18/11C BU COND	1 mm <sup>2</sup>	11	Yes	0.465 in	
251812IB	ÖLFLEX® AUTO-I 18/12C BU COND	1 mm <sup>2</sup>	12	Yes	0.476 in	
251819IB	ÖLFLEX® AUTO-I 18/19C BU COND	1 mm <sup>2</sup>	19	Yes	0.583 in	
251825IB	ÖLFLEX® AUTO-I 18/25C BU COND	1 mm <sup>2</sup>	25	Yes	0.677 in	
251833IB	ÖLFLEX® AUTO-I 18/33C BU COND	1 mm <sup>2</sup>	33	Yes	0.736 in	
251842IB	ÖLFLEX® AUTO-I 18/42C BU COND	1 mm <sup>2</sup>	42	Yes	0.815 in	
251849IB	ÖLFLEX® AUTO-I 18/49C BU COND	1 mm <sup>2</sup>	49	Yes	0.906 in	
251865IB	ÖLFLEX® AUTO-I 18/65C BU COND	1 mm <sup>2</sup>	65	Yes	1.008 in	

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