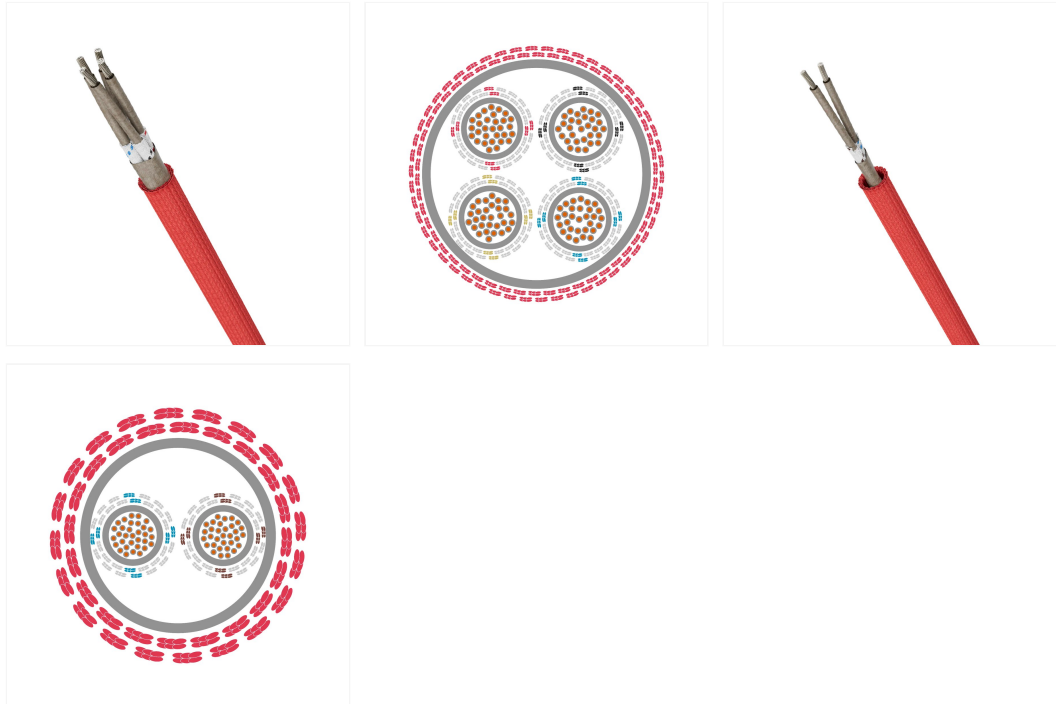


**ÖLFLEX® HEAT 1565 MC 2X1****Article No.:** 30016609

Power and control cable; 2X1;  $U_0/U$ : 300/500 V; Glass fiber; Conductor identification:  
Colors; -195°C - 400°C; Fixed Installation

**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.

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**Remarks**

## Technical Data

**General information**

Brand	ÖLFLEX®
Product type	Power and control cable
Copper index	129 lb/10000 ft
Industry segment	Process Industry

**Electrical parameters**

Nominal voltage	$U_0/U$ : 300/500 V AC rms according to IEC
test voltage	2 kV

**Product design**

Cable dimension	2X1
Nominal cross section conductor (mm <sup>2</sup> )	1 mm <sup>2</sup>
Conductor material	Nickel-plated Copper
Conductor design	IEC 60228 class 5: fine-wire
Including protective ground	No
Number of cores	2
Stranding type	Layered Stranding
Shielded	No
Nominal outer diameter	0.303 in
Cable form	Round
Core insulation base material	Glass fiber
Basic material of outer jacket	Glass fiber
Outer jacket color	red
Core identification	Colors

**Product features**

Application area	Fixed Installation
Minimum bending radius, stationary	5 x outer diameter

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Minimum bending radius in inch, fixed installation	1.516 in
Minimum bending radius, occasionally moved	15 x outer diameter
Minimum bending radius in mm, occasionally moved	4.547 in
Temperature, fixed installation	-195 °C to 400 °C max. conductor temperature
Short term temperature peak	1,565 °C
Flame-retardant	Yes
UV-resistant	No
Halogenfree	Yes
Oil resistant	No
PWIS-free	No
Water resistant	No

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**Certifications and standards**

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

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**ÖLFLEX® HEAT 1565 MC**

Article No.	Name	Number of cores	Including protective ground	Nominal cross section conductor (mm <sup>2</sup> )	Nominal outer diameter	Copper index
30016600	ÖLFLEX® HEAT 1565 MC 4X1,5	4	No	1.5 mm <sup>2</sup>	0.374 in	387.06 lb/10000 ft
30016606	ÖLFLEX® HEAT 1565 MC 4X1	4	No	1 mm <sup>2</sup>	0.35 in	258.04 lb/10000 ft
30016609	ÖLFLEX® HEAT 1565 MC 2X1	2	No	1 mm <sup>2</sup>	0.303 in	129 lb/10000 ft

V1.1