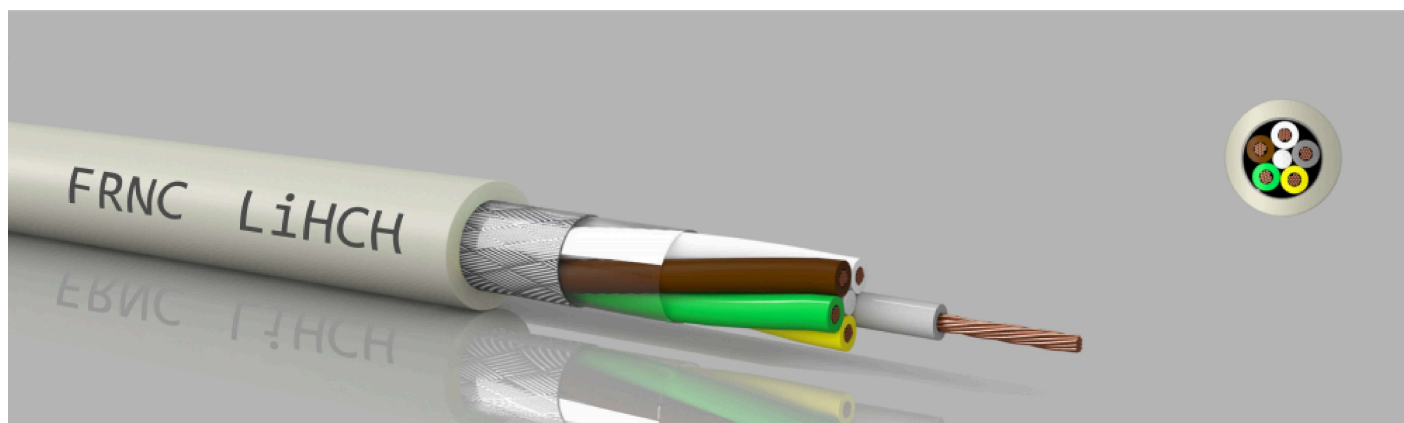




quality at the highest level



✓ installation ✓ halogen free ✓ FRNC ✓ RoHS ✓ REACH ✓ CE ✓ UN/ECE R118

10 x 0,25 qmm

FRNC Control Cable, shielded, grey
Order-No. 421002505

Application / Description

Flexible Control cable FRNC for measuring, control and regulation technology as well as data processing, where the use of halogen free and flame retardant materials is mandatory. A copper braid shield enhances interference-free transmission and additional mechanical protection.



Variant data

O.D.	approx. 7,00 mm
Cu-weight	43,5 kg/km

Construction / data

Conductor	Cu-Litze, blk.
Structure of conductor	14x0,15 mm
Cross section	0,25 qmm
number of cores	10
Core insulation	FRNC
Colour sequence	DIN 47100
Operating voltage	500 V
Testing voltage	1.200 V
Twisting	cores in layers
Overall shield	tinned copper braid, coverage approx. 85 %
Outer jacket	FRNC
Outer jacket colour	grey sim. RAL 7032
Dimension	10 x 0,25 qmm

Technical characteristics

Temperature range	-40 °C to +90 °C
Bending radius static	> 5 x O.D.
Bending radius dynamic	> 10 x O.D.
Insulation resistance	> 100 MOhm x km at + 20°C

Packaging

Spools at 100m

Lower and upper lengths according to availability. Special packaging on request.

Technische Änderungen und Irrtümer vorbehalten. Die Eignung für einen konkreten Verwendungszweck muss vom Kunden geprüft werden. Achtung: Gefahr eines elektrischen Schlages, Produkt darf nur von Fachpersonal verarbeitet werden!

Technical changes and errors reserved. The suitability for a specific purpose must be checked by the customer. Warning: Risk of electric shock, the product may only be handled by qualified personnel

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