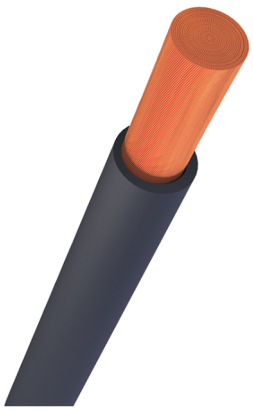
H01N2-D welding cables with reinforced sheath

H01N2-D 1x25 cut to length

Nexans Ref.: 10056645
Country Ref.: 1026851
EAN 13: 3427680003072



DESCRIPTION

Application

Industry, and especially the steel construction , consumes steel in various forms: metal sheets, tubes and so on. Consequently the trade of welding is dominating in this activity. Nexans is present on this market, and proposes to its customers a range of welding cables which is characterized by a high flexibility.

Installation

Electrical supply of moving welding machines. This cable connects the welding equipment to the electrode hoder. It is also recommended for all flexible links working under a low voltage U0/U 100/100V maximum . The flexible conductors and the reinforced sheath give to the cables H01N2-D a high flexibility.

STANDARDS

International EN 50525-2-81; HD 22.6; IEC 60245

National NF C 32-510

Conductor flexibility
Extra-flexible class 6

Cable flexibility
Very flexible

Mechanical resistance to impacts
Medium

Chemical resistance
Oil resistant

Flame retardant
EN 60332-1-2

Max.conductor temp.in service
85 °C

Static bending rad.
34 mm

Operating temp.
-25 - 60 °C

H01N2-D welding cables with reinforced sheath

H01N2-D 1x25 cut to length

CHARACTERISTICS

Construction characteristics	
Conductor flexibility	Extra-flexible class 6
Conductor material	Bare annealed copper stranded
Outer sheath	Special crosslinked Elastomer EM5
Protection	-
Sheath colour	Black
Dimensional characteristics	
Conductor cross-section	25 mm²
Maximum outer diameter	12.7 mm
Minimum outer diameter	10.1 mm
Approximate weight	283 kg/km
Conductor diameter	6.5 mm
Dimensional standards	IEC 60228, NF C 32-013
Number of cores	1
Electrical characteristics	
Nominal Voltage	100 V
Permissible current rating in open air	172 A
Mechanical characteristics	
Cable flexibility	Very flexible
Mechanical resistance to impacts	Medium
Usage characteristics	
Packaging	Cut to length
Chemical resistance	Oil resistant
Flame retardant	EN 60332-1-2
Max. conductor temperature in service	85 °C
Minimum static operating bending radius	34 mm
Operating temperature, range	-25 - 60 °C
Short-circuit max. conductor temperature	250 °C
Water proof	Accidental
Weather resistance	Good