**H07RN8-F**

Submersible pump cable; Formerly: "ÖLFLEX® AQUA RN8"

H07RN8-F, HAR, power and control cable, rubber, heavy, 450/750V, submersion up to a depth of 10 m, pump cable, class 5, oil-resistant, flame-retardant

**Info**

Use down to 10 m depth
Submersible pump cable
Oil-resistant

**Benefits**

Submersion, considering application standards, e.g. EN 50565-2
According to EN 50565-2, underwater use prohibited in areas with shipping traffic, moving water or where there is a risk of dangerous, mechanical damage
High stresses
Type-compliant versions <HAR>-certified with "<HAR>" testing and certification mark for accelerated granting of approvals if final application of cable is within the European CENELEC area
PRODUCT INFORMATION

H07RN8-F

Application range
According to EN 50565-2: Dry or damp rooms, as well as outdoors and in industrial water
For connecting mobile, electrical equipment in industrial water
For use with submersible pumps
Submersion acc. AD8 standard down to 10 m depth

Product features
Flame-retardant according IEC 60332-1-2
Oil-resistant according to EN 60811-404
Flexible

Norm references / Approvals
<Har> cable type approval according to EN 50525-2-21

Product Make-up
Conductor made of bare copper wires
Core insulation: rubber compound, type EI 4
Outer sheath: rubber compound, type EM2

Technical Data
Classification ETIM 5:
ETIM 5.0 Class-ID: EC001578
ETIM 5.0 Class-Description: Flexible cable

Classification ETIM 6:
ETIM 6.0 Class-ID: EC001578
ETIM 6.0 Class-Description: Flexible cable

Core identification code:
Up to 5 cores: colour-coded according to VDE 0293-308, refer to Appendix T9
From 6 cores: black with white numbers

Conductor stranding:
Fine wire according to VDE 0295 Class 5/ IEC 60228 Class 5

Minimum bending radius:
4 to 8 x outer diameter (EN 50565-1)

Nominal voltage:
U0/U: 450/750 V

Test voltage:
2500 V

Protective conductor:
G = with GN-YE protective conductor
X = without protective conductor

Current rating:
VDE 0298 Part 4
EN 50565-1/ VDE 0298-565-1

Temperature range:
Conductor:Fix/Moved:-40/-25°C to+60°C
Max. water temperature: +40°C

Note
Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request.
Copper price basis: EUR 150/100 kg. Refer to catalogue appendix T17 for the definition and calculation of copper-related surcharges.
Packaging size: Coil ≤ 30 kg, otherwise drum
Please specify the preferred type of packaging (e.g. 1 x 500 m drum or 5 x 100 m coils). Photographs and graphics are not to scale and do not represent detailed images of the respective products.
Prices are net prices without VAT and surcharges. Sale to business customers only.

Last Update (21.12.2019)
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Product Management www.lappkabel.de
You can find the current technical data in the corresponding data sheet.
PN 0456 / 02_03.16
<table>
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<th>Article number</th>
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