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



Cold-resistant

Mechanical resistance

Oil-resistant

UV-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

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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:	Fixed installation: -40 up to +60 °C Occasionally moved: -25 °C up 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).
* Trade product, no Lapp product
Photographs and graphics are not to scale and do not represent detailed images of the respective products.

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Prices are net prices without VAT and surcharges. Sale to business customers only.

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PRODUCT INFORMATION

Article number	Number of cores and mm² per conductor	Outer diameter [mm]	Copper index (kg/km)	Weight (kg/km)
1600600	1 X 4.0	7.2 - 7.8	38.4	100
1600601	1 X 6.0	7.9 - 8.5	57.6	120
1600602	1 X 10.0	9.5 - 10.5	96	180
1600604	1 X 25.0	12.7 - 13.7	240	400
1600606	3 G 1.5	9.2 - 10.8	43.2	141
1600609	4 G 1.5	10.2 - 11.8	57.6	205
1600620	7 G 1.5	14 - 17.5	100.8	385
1600607	3 G 2.5	10.9 - 12.5	72	210
1600610	4 G 2.5	12.1 - 13.9	96	260
1600621	7 G 2.5	16.5 - 20	168	520
1600611	4 G 4.0	14.0 - 16.0	153.6	356
1600612	4 G 6.0	15.7 - 17.7	230.4	475
1600613	4 G 10.0	20.9 - 23.3	384	837
1600614	4 G 16.0	23.8 - 26.4	614.4	1220
1600615	4 G 25.0	28.9 - 32.1	960	1770
1600616	4 G 35.0	32.5 - 36.1	1344	2304

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