



H07RN8-F

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

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, 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

- 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**
- Strands of bare copper wires
 - Core insulation: rubber compound, type EI 4
 - Outer sheath: rubber compound, type EM2

Technical data

- Classification**
ETIM 5.0 Class-ID: EC001578
ETIM 5.0 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

Article number	Number of cores and mm ² per conductor	Outer diameter (mm)	Copper index (kg/km)	Weight (kg/km)
H07RN8-F				
1600600	1 X 4	7.2 - 9.0	38.4	100
1600601	1 X 6	7.9 - 9.8	57.6	120
1600602	1 X 10	9.5 - 11.9	96	200
1600604	1 X 25	12.7 - 15.8	240	400
1600606	3 G 1.5	9.2 - 11.9	43.2	170
1600609	4 G 1.5	10.2 - 13.1	57.6	205
1600620	7 G 1.5	14.0 - 17.5	100.8	385
1600607	3 G 2.5	10.9 - 14.0	72	210
1600610	4 G 2.5	12.1 - 15.5	96	260
1600621	7 G 2.5	16.5 - 20.0	168	520
1600611	4 G 4	14.0 - 17.9	153.6	356
1600612	4 G 6	15.7 - 20.0	230.4	475
1600613	4 G 10	20.9 - 26.5	384	837
1600614	4 G 16	23.8 - 30.1	614.4	1220
1600615	4 G 25	28.9 - 36.6	960	1770
1600616	4 G 35	32.5 - 41.1	1344	2304

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 are not to scale and do not represent detailed images of the respective products.

- Similar products**
- H07RN-F refer to page 91
 - H07RN-F, enhanced version refer to page 92

- Accessories**
- SKINTOP® CLICK System
 - EASY STRIP stripping and cutting tool refer to page 1004
 - PEW 8.87 crimping pliers refer to page 1016
 - KS 20 cable shears refer to page 999