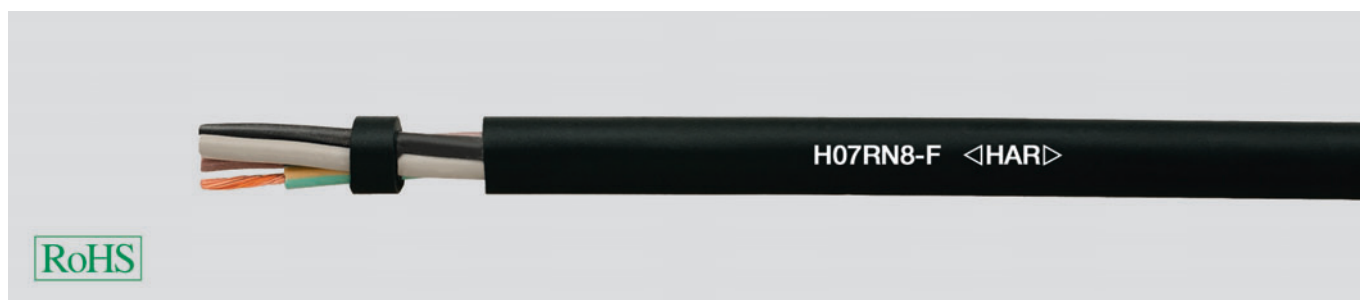


# H07 RN8-F waterproof rubber-sheathed cable, harmonized type



## Technical data

- Water resistant heavy hose pipe to DIN VDE 0282 part 16, HD 22.16 S1
- **Temperature range**  
flexing -25 °C  
fixed installation -40 °C  
in water max. +40 °C
- Permissible **operating temperature**  
at conductor +60 °C
- **Nominal voltage** U<sub>0</sub>/U 450/750 V  
in case of protected and fixed installation  
U<sub>0</sub>/U 600/1000 V
- **Test voltage** 2500 V
- **Permanent tensile load**  
max. 15 N/mm<sup>2</sup>
- **Minimum bending radius**  
flexing 6 x cable ø  
fixed installation 4x cable ø

## Cable structure

- Copper conductor fine wire stranded, bare to DIN VDE 0295 cl. 5, BS 6360 cl. 5, IEC 60228 cl. 5 and HD 383
- Rubber core insulation EI4 to DIN VDE 0282 part 1
- Core identification to DIN VDE 0293-308 and HD 186
- Core colours  
up to 5 cores one-coloured  
6 and more cores, black with numbering  
3 and above, with green-yellow earth core  
2 cores without green-yellow earth core
- Cores stranded in layers with optimal lay-length
- Special polychloroprene rubber outer jacket
- Outer jacket black

## Properties

- **Resistant to**  
Ozone  
Weather
- **Oil resistant**  
Test according to EN 60811-2-1
- **Test of behaviour compared to environmental influences**  
Test according to DIN VDE 0482 part 265-2-1/ EN 50265-2-1/ IEC 60332-1 (equivalent DIN VDE 0472 part 804 test method B)
- The core identification of a single core jacketed, of an insulated wire is black. For application as a protective core, the ends are to be identified with green-yellow and the middle conductor with light blue

## Note

- G = with green-yellow earth core;  
x = without green-yellow earth core.
- AWG sizes are approximate equivalent values. The actual cross-section is in mm<sup>2</sup>.

## Application

Water resistant heavy hose pipe for connection of submersible pumps and similar applications, at a recommended water depth to 10 m and a maximum water temperature of +40 °C. Can be used in dry, damp and wet areas as well as in open air.

CE The product is conformed with the EC Low-Voltage Directive 2006/95/EG.

Part no.	No. cores x cross-sec. mm <sup>2</sup>	Outer Ø min. - max. mm	Cop. weight kg / km	Weight approx. kg / km	AWG-No.
37287	1 x 1,5	5,7 - 7,1	14,4	58,0	16
37288	1 x 2,5	6,3 - 7,9	24,0	71,0	14
37289	1 x 4	7,2 - 9,0	38,0	100,0	12
37290	1 x 6	7,9 - 9,8	58,0	130,0	10
37291	1 x 10	9,5 - 11,9	96,0	230,0	8
37292	1 x 16	10,8 - 13,4	154,0	290,0	6
37293	1 x 25	12,7 - 15,8	240,0	420,0	4
37294	1 x 35	14,3 - 17,9	336,0	530,0	2
37295	1 x 50	16,5 - 20,6	480,0	750,0	1
37296	1 x 70	18,6 - 23,3	672,0	960,0	2/0
37297	1 x 95	20,8 - 26,0	912,0	1250,0	3/0
37298	1 x 120	22,8 - 28,6	1152,0	1560,0	4/0
37299	1 x 150	25,2 - 31,4	1440,0	1900,0	300 kcmil
37300	1 x 185	27,6 - 34,4	1776,0	2300,0	350 kcmil
37301	1 x 240	30,6 - 38,3	2304,0	2950,0	500 kcmil
37302	1 x 300	33,5 - 41,9	2880,0	3600,0	600 kcmil
37303	1 x 400	37,4 - 46,8	3840,0	4600,0	750 kcmil
37304	1 x 500	41,3 - 52,0	4800,0	6000,0	1000 kcmil
37305	2 x 1	7,7 - 10,0	19,0	98,0	17
37306	2 x 1,5	8,5 - 11,0	29,0	135,0	16
37307	2 x 2,5	10,2 - 13,1	48,0	193,0	14
37308	2 x 4	11,8 - 15,1	77,0	280,0	12
37309	2 x 6	13,1 - 16,8	115,0	330,0	10
37310	2 x 10	17,7 - 22,6	192,0	586,0	8
37311	2 x 16	20,2 - 25,7	307,0	810,0	6
37312	2 x 25	24,3 - 30,7	480,0	1160,0	4
37313	3 G 1	8,3 - 10,7	29,0	130,0	17
37314	3 G 1,5	9,2 - 11,9	43,0	165,0	16

Part no.	No. cores x cross-sec. mm <sup>2</sup>	Outer Ø min. - max. mm	Cop. weight kg / km	Weight approx. kg / km	AWG-No.
37315	3 G 2,5	10,9 - 14,0	72,0	235,0	14
37316	3 G 4	12,7 - 16,2	115,0	320,0	12
37317	3 G 6	14,1 - 18,0	173,0	420,0	10
37318	3 G 10	19,1 - 24,2	288,0	810,0	8
37319	3 G 16	21,8 - 27,6	461,0	1050,0	6
37320	3 G 25	26,1 - 33,0	720,0	1250,0	4
37321	3 G 35	29,3 - 37,1	1008,0	1900,0	2
37322	3 G 50	34,1 - 42,9	1440,0	2600,0	1
37323	3 G 70	38,4 - 48,3	2016,0	3400,0	2/0
37324	3 G 95	43,3 - 54,0	2736,0	4450,0	3/0
37325	3 G 120	47,4 - 60,0	3456,0	5180,0	4/0
37326	3 G 150	52,0 - 66,0	4320,0	6500,0	300 kcmil
37327	3 G 185	57,0 - 72,0	5328,0	7860,0	350 kcmil
37328	3 G 240	65,0 - 82,0	6192,0	10224,0	500 kcmil
37329	3 G 300	72,0 - 90,0	8640,0	12620,0	600 kcmil
37330	4 G 1	9,2 - 11,9	38,0	150,0	17
37331	4 G 1,5	10,2 - 13,1	58,0	200,0	16
37332	4 G 2,5	12,1 - 15,5	96,0	290,0	14

Continuation ►

# H07 RN8-F waterproof rubber-sheathed cable, harmonized type



Part no.	No. cores x cross-sec. mm²	Outer Ø min. - max. mm	Cop. weight kg / km	Weight approx. kg / km	AWG-No.
37333	4 G 4	14,0 - 17,9	154,0	395,0	12
37334	4 G 6	15,7 - 20,0	230,0	540,0	10
37335	4 G 10	20,9 - 26,5	384,0	950,0	8
37336	4 G 16	23,8 - 30,1	614,0	1260,0	6
37337	4 G 25	28,9 - 36,6	960,0	1860,0	4
37338	4 G 35	32,5 - 41,1	1344,0	2380,0	2
37339	4 G 50	37,7 - 47,5	1920,0	3190,0	1
37340	4 G 70	42,7 - 54,0	2688,0	4260,0	2/0
37341	4 G 95	48,4 - 61,0	3648,0	5600,0	3/0
37342	4 G 120	53,0 - 66,0	4608,0	6830,0	4/0
37343	4 G 150	58,0 - 73,0	5760,0	8320,0	300 kcmil
37344	4 G 185	64,0 - 80,0	7104,0	9800,0	350 kcmil
37345	4 G 240	72,0 - 91,0	9216,0	12100,0	500 kcmil
37346	4 G 300	80,0 - 101,0	11520,0	15200,0	600 kcmil
37354	5 G 1	10,2 - 13,1	48,0	175,0	4
37347	5 G 1,5	11,2 - 14,4	72,0	240,0	16
37348	5 G 2,5	13,3 - 17,0	120,0	345,0	14
37349	5 G 4	15,6 - 19,9	192,0	485,0	12

Part no.	No. cores x cross-sec. mm²	Outer Ø min. - max. mm	Cop. weight kg / km	Weight approx. kg / km	AWG-No.
37350	5 G 6	17,5 - 22,2	288,0	650,0	10
37351	5 G 10	22,9 - 29,1	480,0	1200,0	8
37352	5 G 16	26,4 - 33,3	768,0	1550,0	6
37353	5 G 25	32,0 - 40,4	1200,0	2250,0	4
37355	6 G 1,5	13,4 - 17,2	87,0	171,0	4
37356	6 G 2,5	15,7 - 20,0	144,0	279,0	4
37357	12 G 1,5	17,6 - 22,4	173,0	340,0	4
37358	12 G 2,5	20,6 - 26,2	288,0	571,0	4

Dimensions and specifications may be changed without prior notice. (RI01)

## Cable Glands

### Cable glands for standard applications

Plastic Glands

Cable Glands of Brass

Accessories

### Cable glands for special application conditions

for electromagnetic compatibility EMC

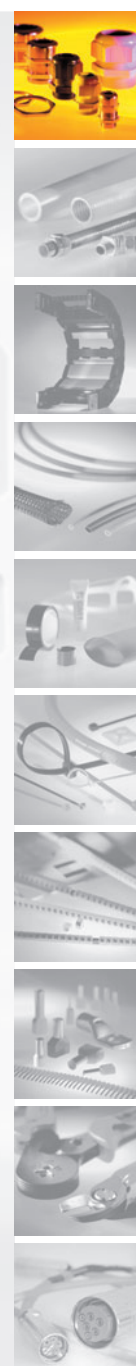
for rugged applications and special chemical resistance

for high temperature use

for explosive areas

for special mounting conditions

for special pressure conditions



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