

# Tauchflex-R 750V, blue, submersible-pump cable



## 기술사항

- DIN VDE 0250 과 0282 part 810에 따른 특수 케이블
- 온도범위  
-40°C~+80°C(최대온도는 외피에 적용)
- 도체가동 허용온도 +90°C
- 정격전압 U<sub>0</sub>/U 450/750V
- 가동전압  
교류 혹은 3상 전류시 U<sub>0</sub>/U 413/825 V,  
직류 전압시 U<sub>0</sub>/U 619/1238V
- 허용전류  
DIN 57100 part 523/ VDE 0100  
part 523에 따름
- 시험 전압 15 min 2.5kV
- 최대 허용 장력  
per mm<sup>2</sup> conductor 15N

## 케이블 구조

- 나동, 미세연선 도체, DIN VDE 0295, cl.5, BS 6360 cl5 와 IEC 60228 cl5규격
- 분리용 fcl 사용
- EPR 코어 절연체, DIN VDE 0207 part 20규격에 따른 혼합타입 3GI3
- DIN VDE 0293에 따른 색상 코드
- 최적층 코어 연선
- EPR 외피는 파랑, DIN VDE 0207 part 21을 적용한 혼합타입 5GM3
- 최소 곡률 반경  
이송시  
up to 8mm cond. Ø min. 3X cond. Ø  
above 8mm to 12mm cond. Ø  
min. 4X cond. Ø  
above 12mm cond. Ø min. 5X cond. Ø  
고정설치시  
up to 12mm cond. Ø min. 3X cond. Ø  
above 12mm cond. Ø min 4X cond. Ø
- 허용 온도  
수중에서 max +40°C  
제한된 사용기간시 max +60°C  
공기중  
이송시 -50°C~+80°C  
고정시 -30°C~+80°C

## 특징

- 수중에 설치 시 훌륭한 절연 효과
- 수중에서 최소 하중
- 수중에서도 절연체의 기계적 상태 유지
- 음용수에 비적합
- 음용수에 사용시 BAM-증명이 요구됨
- 기계 재료에 대한 설치 적응성
- 튜브속 고정 설치 케이블로서 1000V까지의 모터 연결 케이블

## Note

- Halogen-free type도 가능

## 용도

- Tauchflex-R 은 수중 모터, 수중 조명, 부유 스위치의 연결 혹은 제어를 위해 사용되는 특수 케이블. 또한, 폐수 혹은 지하 500m 혹은 70도이하의 일반 물에서 지속적인 사용이 증명. 또한 실외의 건조하고 습기 있는 공간에서도 사용 가능. 위험지역설치하기에는 적합하지 않습니다.
- 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 ca. mm	Cop. weight kg / km	Weight ca. kg / km	AWG-No.	Part No.	No. cores x cross-sec. mm <sup>2</sup>	Outer Ø ca. mm	Cop. weight kg / km	Weight ca. kg / km	AWG-No.
37100	1 x 1,5	7,2	14,0	54,0	16	37127	3 x 10,0	25,5	288,0	750,0	8
37101	1 x 2,5	8,0	24,0	76,0	14	37128	3 x 16,0	29,5	461,0	1110,0	6
37102	1 x 4	9,0	38,0	105,0	12	37129	3 x 25,0	34,0	720,0	1450,0	4
37103	1 x 6	11,0	58,0	135,0	10	37130	3 x 35,0	38,0	1008,0	2150,0	2
37104	1 x 10	12,4	96,0	200,0	8	37131	3 x 50,0	44,0	1440,0	2800,0	1
37105	1 x 16	14,4	154,0	290,0	6	37132	3 x 70,0	49,5	2016,0	3750,0	2/0
37106	1 x 25	16,5	240,0	400,0	4	37133	3 x 95,0	54,0	2736,0	4590,0	3/0
37107	1 x 35	18,3	336,0	560,0	2	37134	3 x 120,0	59,0	3456,0	5400,0	4/0
37108	1 x 50	21,1	480,0	730,0	1	37135	4 G 1,5	13,4	58,0	190,0	16
37109	1 x 70	23,5	672,0	1000,0	2/0	37136	4 G 2,5	15,4	96,0	270,0	14
37110	1 x 95	25,9	912,0	1250,0	3/0	37137	4 G 4,0	17,9	154,0	380,0	12
37111	1 x 120	28,4	1152,0	1650,0	4/0	37138	4 G 6,0	22,0	230,0	520,0	10
37112	1 x 150	31,6	1440,0	2000,0	300 kcmil	37139	4 G 10,0	28,0	384,0	955,0	8
37113	1 x 185	34,5	1776,0	2460,0	350 kcmil	37140	4 G 16,0	31,9	614,0	1400,0	6
37114	1 x 240	38,0	2304,0	3050,0	500 kcmil	37141	4 G 25,0	37,6	960,0	1950,0	4
37115	1 x 300	41,5	2880,0	3700,0	600 kcmil	37142	4 G 35,0	42,5	1344,0	2650,0	2
37116	2 x 1,5	11,5	29,0	130,0	16	37143	4 G 50,0	48,5	1920,0	3600,0	1
37117	2 x 2,5	13,4	48,0	190,0	14	37144	4 G 70,0	54,4	2688,0	4890,0	2/0
37118	2 x 4	15,0	77,0	260,0	12	37145	4 G 95,0	60,4	3648,0	6180,0	3/0
37119	2 x 6	18,4	115,0	350,0	10	37146	4 G 120,0	65,4	4608,0	7200,0	4/0
37120	2 x 10	23,9	192,0	550,0	8	37147	5 G 1,5	15,0	72,0	225,0	16
37121	2 x 16	27,6	307,0	900,0	6	37148	5 G 2,5	17,1	120,0	355,0	14
37122	2 x 25	31,5	480,0	1300,0	4	37149	5 G 4,0	19,4	192,0	470,0	12
37123	3 x 1,5	12,5	43,0	150,0	16	37150	5 G 6,0	24,4	288,0	645,0	10
37124	3 x 2,5	14,5	72,0	205,0	14	37151	5 G 10,0	30,5	480,0	1150,0	8
37125	3 x 4	16,0	115,0	330,0	12	37152	5 G 16,0	35,4	768,0	1690,0	6
37126	3 x 6	20,0	173,0	470,0	10	37153	5 G 25,0	41,3	1200,0	2400,0	4

Dimensions and specifications may be changed without prior notice.