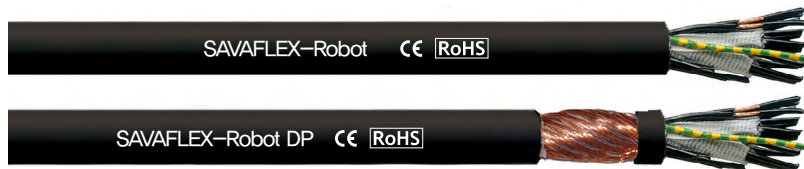


SAVAFLEX-ROBOT

PUR 토션용 케이블



RoHS

Construction (케이블구성)

Conductor (도체) 0.14mm ² –0.34mm ²	bare copper strands, extra fine wires (0.14–0.34mm ²)
Conductor (도체) from 0.50mm ²	bare copper strands acc. to DIN VDE 0295 class 6 + IEC 60228 class 6
Insulation (내피재질)	TPM, 기계적 물성-특수개발형소재
Core code (코어식별) 0.14mm ² –0.34mm ²	with reference to DIN 47100 or acc. to colour code US 2
Core code (코어식별) from 0.50mm ²	black cores with consecutive numbers acc. to DIN VDE 0293 + HD 186; green–yellow earth wire from 3 cores
Assembly / cabling (코어연결)	specially adjusted layering with netting tape over each layer and one additional non–woven tape over the outer layer
Sheath Material (시스 재질)	PUR, acc. to DIN VDE 0282
Outer sheath color (외피 색상)	Orang (RAL 2003) other color on request

Outstanding features (특징)

- ▶ rugged and reliable (내구성 및 신뢰성)
- ▶ torsion angle (비틀림각도)
up to $\pm 450^\circ$ over 0.5m
- ▶ UL/CSA 규격으로 생산
- ▶ Bundle 구조

Technical data (기술사항)

Nominal voltage (사용전압) from 0.50mm ²	DIN VDE: 300/500V
Testing voltage (시험전압) 0.14mm ² –0.34mm ²	1500V acc. to DIN VDE 0472 part 509
Testing voltage (시험전압) from 0.50mm ²	3000V acc. to DIN VDE 0281 part 2 + HD 21.2
Torsino angle (비틀림강도)	up to $\pm 450^\circ$ /0.5m (tested)
Min. bending radius (곡률반경)	continuously flexible $7 \times d$ from 34 cores $15 \times d$
Temperature range (사용온도) fixed laying flexible application	UL CSA DIN VDE up to +80°C up to +75°C –50/+90°C up to +80°C up to +75°C –40/+90°C
Fire performance (난연성)	UL FT1 + CSA FT1 and IEC 60332–1
Oil resistance (내유성)	very good
Chem. resistance (내화학성)	good against acids, alkalines, solvents, hydraulic liquids etc.
Continuous flexibility (유연성)	acc. to RoHS–guideline 2002/95/EG as well as GetStoffV appendix IV–no. 24, see page N/14

SAVAFLEX Robot P

Construction	Outer diam (mm)	Copper (kg/km)	Total weight (kg)
7×0.25	6.6±0.2	26	60
25×0.25	11.6±0.3	80	190
2×0.34	3.7±0.2	7	17
18×0.50	11.1±0.3	85	161
25×0.50	13.2±0.3	120	220
4×0.75	6.0±0.2	29	59
14×0.75	12.0±0.3	102	181
2×1.00	5.5±0.2	18	42
3×1.00	5.8±0.2	28	56
4×1.00	6.4±0.2	38	65
7×1.00	8.7±0.2	66	103
12×1.00	10.9±0.2	115	173
16×1.0+(2×1.0)/D	16.3±0.3	195	376
18×1.00	14.6±0.3	167	291
23×1.0+(2×1.0)/D	17.3±0.3	262	470
25×1.00	16.6±0.3	229	350
34×1.00	20.1±0.5	316	519
41×1.00	21.7±0.5	382	620
18×1.50	16.7±0.3	258	400
25×1.50	20.9±0.4	361	605
3×2.50	8.9±0.3	69	125

SAVAFLEX Robot P

Construction	Outer diam (mm)	Copper (kg/km)	Total weight (kg)
4×2.50	9.7±0.3	92	160
3×4	9.9±0.3	113	170
3×10	14.2±0.4	293	380
3×16	16.6±0.7	465	605
3×25	22.3±0.7	720	965
3×35	24.9±0.7	1001	1263
2×25+2×16	22.3±0.7	640	830

SAVAFLEX Robot DP

Construction	Outer diam (mm)	Copper (kg/km)	Total weight (kg)
12×0.14D	7.8±0.3	40	90
3×2×0.14D	6.7±0.3	17	44
25×0.14D	12.0±0.3	95	230
4×0.34D	5.4±0.2	23	42
5×2×0.34D	8.7±0.2	51	93
12×1.50D	15.9±0.4	235	380
18×1.50D	19.2±0.4	360	560