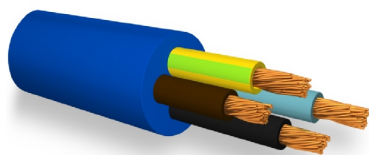


DRINKFLEX AQUARIUS[®] - ROUND



CABLE FOR SUBMERSIBLE PUMPS



DM 174/04

KTW



NONTOXIC AND WATERPROOF CABLE

Designed for permanent immersion in drinkable water.
Recommended for installation of submersible pumps.

CABLE WITH 4 EUROPEAN CERTIFICATIONS

KTW, WRAS, DM 174 e ACS allow us to satisfy the requirements of the main applications on the market.

TECHNICAL FEATURE

Rated Voltage	Max operating temperature	Min temperature of installation	Max stocking temperature	Max temperature of short circuit	Min internal bending radius	Max mechanical stress
450/750 V	90°C	-25°C	40°C	250°C	5xD	5 Kg/mm ²

CONSTRUCTION FEATURES

Conductors: Flexible annealed copper cord, class 5 (EN 60228, IEC 60228)

Insulation: Special crosslinked compound

Sheath: Special crosslinked blue compound

Identification Colours: Cores identification according to CENELEC HD 308 in force.

MARKING: Ink Jet

PECSO MN DRINKFLEX AQUARIUS[®] (SECTION) – KTW – ACS – WRAS BS 6920 – DM 174 – CE (YEAR)

FEATURES: Max strain in static duty conditions: 1,5 Kg/mm².

GUIDE TO USE

Cable for submersible pumps engines. It may be installed in drinkable waters.

Suitable for operation and control equipment in aquarium and fishponds and for depuration-chlorination systems in aqueducts and drinkable water fountains as well as for processing, treatment and conservation plants of drinks and foodstuff.

Suitable for swimming pools lighting, depuration and cleaning systems.

Standards: CEI EN 50363

ROHS 2011/65/UE

DM 174/04

WRAS BS 6920

DIMENSIONAL FEATURES AND ELETTRICAL PROPERTY

n° x mm²	number and nominal cross-sectional area of conductors	Ø	CONDUCTOR		INSULATION	SHEATH	WEIGHT
		Max diameter (mm)	Ø diameter max. of wires (mm)	max resistance res. el. (ohm/km) redcu	thikness (mm)	thikness (mm)	Indicative weight of cable (g/m)
1x1,5		6.8	0.26	13.3000	0.80	1,40	36,00
						ARTICLE CODE	LDKS01015
1x2,5		7.5	0.26	7.9800	0.90	1,40	49,00
						ARTICLE CODE	LDKS01025
1x4		8.3	0.31	4.9500	1.00	1,50	67,00
						ARTICLE CODE	LDKS01040
1x6		9.1	0.31	3.3000	1.00	1,60	90,00
						ARTICLE CODE	LDKS01060
1x10		11	0.41	1.9100	1.20	1,80	146,00
						ARTICLE CODE	LDKS01100
1x16		12.3	0.41	1.2100	1.20	1,90	208,00
						ARTICLE CODE	LDKS01160
1x25		14.4	0.41	0.7800	1.40	2,00	307,00
						ARTICLE CODE	LDKS01250
1x35		15.8	0.41	0.5540	1.40	2,20	410,00
						ARTICLE CODE	LDKS01350
1x50		18.4	0.41	0.3860	1.60	2.40	585,00
						ARTICLE CODE	LDKS01500
1x70		20.2	0.51	0.2720	1.60	2,60	776,00
						ARTICLE CODE	LDKS01700
1x95		22.3	0.51	0.2060	1.80	2.80	1.023,00
						ARTICLE CODE	LDKS01950
2x1		8.8	0.21	19.5000	0.80	1,30	59,00
						ARTICLE CODE	LDKS02010
2x1,5		9.8	0.26	13.3000	0.80	1,50	77,00
						ARTICLE CODE	LDKS02015
2x2,5		11.2	0.26	7.9800	0.90	1,70	110,00
						ARTICLE CODE	LDKS02025
2x4		13	0.31	4.9500	1.00	1,80	159,00
						ARTICLE CODE	LDKS02040
2x6		14.4	0.31	3.3000	1.00	2,00	213,00
						ARTICLE CODE	LDKS02060

DIMENSIONAL FEATURES AND ELETTRICAL PROPERTY

n° x mm²	number and nominal cross-sectional area of conductors	Ø	CONDUCTOR		INSULATION	SHEATH	WEIGHT
		Max diameter (mm)	Ø diameter max. of wires (mm)	max resistance res. el. (ohm/km) redcu	thikness (mm)	thikness (mm)	Indicative weight of cable (g/m)
2x10		20.3	0.41	1.9100	1.20	3,10	412,00
						ARTICLE CODE	LDKS02100
2x16		22.6	0.41	1.2100	1.20	3,30	562,00
						ARTICLE CODE	LDKS02160
2x25		27	0.41	0.7800	1.40	3,60	833,00
						ARTICLE CODE	LDKS02250
3x1		9.8	0.21	19.5000	0.80	1,40	76,00
						ARTICLE CODE	LDKS03010
3x1,5		10.5	0.26	13.3000	0.80	1,60	97,00
						ARTICLE CODE	LDKS03015
3x2,5		12.2	0.26	7.9800	0.90	1,80	143,00
						ARTICLE CODE	LDKS03025
3x4		13.8	0.31	4.9500	1.00	1,90	202,00
						ARTICLE CODE	LDKS03040
3x6		15.5	0.31	3.3000	1.00	2,10	277,00
						ARTICLE CODE	LDKS03060
3x10		21.1	0.41	1.9100	1.20	3,30	509,00
						ARTICLE CODE	LDKS03100
3x16		24.2	0.41	1.2100	1.20	3,50	729,00
						ARTICLE CODE	LDKS03160
3x25		28.9	0.41	0.7800	1.40	3,80	1.084,00
						ARTICLE CODE	LDKS03250
3x35		30.8	0.41	0.5540	1.40	4,10	1.384,00
						ARTICLE CODE	LDKS03350
3x50		36.8	0.41	0.3860	1.60	4,50	2.009,00
						ARTICLE CODE	LDKS03500
3x70		41.1	0.51	0.2720	1.60	4,80	2.671,00
						ARTICLE CODE	LDKS03700
4x1		10.5	0.21	19.5000	0.80	1,50	95,00
						ARTICLE CODE	LDKS04010
4x1,5		11.7	0.26	13.3000	0.80	1,70	125,00
						ARTICLE CODE	LDKS04015

DIMENSIONAL FEATURES AND ELETTRICAL PROPERTY

n° x mm ²	number and nominal cross-sectional area of conductors	Ø	CONDUCTOR		INSULATION	SHEATH	WEIGHT
		Max diameter (mm)	Ø diameter max. of wires (mm)	max resistance res. el. (ohm/km) redcu	thikness (mm)	thikness (mm)	Indicative weight of cable (g/m)
4x2,5		13.5	0.26	7.9800	0.90	1,90	182,00
						ARTICLE CODE	LDKS04025
4x4		15.1	0.31	4.9500	1.00	2,00	255,00
						ARTICLE CODE	LDKS04040
4x6		17.3	0.31	3.3000	1.00	2,30	358,00
						ARTICLE CODE	LDKS04060
4x10		22.9	0.41	1.9100	1.20	3,40	636,00
						ARTICLE CODE	LDKS04100
4x16		26.4	0.41	1.2100	1.20	3,60	921,00
						ARTICLE CODE	LDKS04160
4x25		32	0.41	0.7800	1.40	4,10	1.391,00
						ARTICLE CODE	LDKS04250
4x35		34	0.41	0.5540	1.40	4,40	1.778,00
						ARTICLE CODE	LDKS04350
4x50		40.7	0.41	0.3860	1.60	4,80	2.579,00
						ARTICLE CODE	LDKS04500
1x120		24.4	0.51	0.1610	1.80	3,00	1.266,00
						ARTICLE CODE	LDKS11200
1x150		27	0.51	0.1290	2.00	3,20	1.588,00
						ARTICLE CODE	LDKS11500
1x185		29.5	0.51	0.1060	2.20	3,40	1.944,00
						ARTICLE CODE	LDKS11850
1x240		32.7	0.51	0.0801	2.40	3,50	2.484,00
						ARTICLE CODE	LDKS12400