

# SHF-FLEX CABLE PUR 730

高柔性控制拖链电缆 耐磨抗腐蚀

## 护套颜色

Colour of jacket



(其他颜色可根据要求提供 / other colours on request)

## 标准

Standards

CEI – DIN VDE



## 应用范围

Application



## 包装

Packaging



## 技术信息

Technical Data

额定电压 / rated voltage: DIN VDE/IEC 300/500 V UL/CSA 600 V  
 测试电压 / test voltage: 4.000 V  
 导体绞合方式 / conductor stranding: 超细裸铜丝绞合/bare superfine copper strands,符合 / acc. to DIN VDE 0295, 6 类标准/class 6  
 绝缘阻抗 / insulation resistance: 最小 20 MΩm x km  
 温度范围 / temperature range: 固定安装/ fixed installation: -40 °C至/to +80 °C 移动应用/flexible application: VDE 0 °C至/to +70 °C  
 UL -5 °C至/to +80 °C  
 弯曲半径 / bending radius: 固定安装/ fixed installation: 5 x d 外径 移动应用/flexible application: 7,5 x d 外径  
 弯曲次数 / alternating bending cycles: 大于八百万次  
 符合标准 / approvals: 符合 / acc. to DIN VDE 0250, 0285 UL: Style 10012/20234 CSA: AWM I A/B, II A/B FT1

SHF-FLEX CABLE PUR 730用作控制电缆，用于拖链系统，传感技术，计算机和机械控制设备和控制工程。其可用于室内和室外潮湿的环境。SHF-FLEX CABLE PUR 730 适用于存在有害矿物类油的环境，耐化学性能和机械性能要求高的地方。PUR 外护套抗撕裂和耐磨损。超细裸铜丝多股精绞成束，PVC 芯线绝缘，黑色芯线带连续白色数字编号。控制电缆 3 芯及以上带绿黄保护接地线。芯线绞合成缆，绞合节距短，PUR 外护套，阻燃和自熄（符合 DIN EN 60332-1-2 VDE 0482 第 332-1-2:2005-06 部分标准）。不粘连，抗水解和微生物。外护套颜色灰色（RAL 7001）。黑色外护套和红色或蓝色芯线颜色可根据要求特殊定制。有些表中列出的单芯线不符合 UL/CSA 认证。

SHF-FLEX CABLE PUR 730 UL/CSA, is used as a control cable for power supply chains, sensor technology, computers and for control devices of instrument and control engineering. It can be used in damp and wet areas. SHF FLEX CABLE PUR 730 is suitable in areas where aggressive mineral oils occur and where strong mechanical performances are required. The PUR outer sheath is cut, notch and abrasion resistant. Superfine strands of bare copper wire. PVC-based core insulation, black cores with consecutive white numbering. Control cables with 3 cores or more have a green/yellow protective conductor in the outer layer. Cores twisted in layers in very short lay lengths. PUR outer sheath, flame retardant and self-extinguishing (acc. DIN EN 60332-1-2 VDE 0482 part 332-1-2:2005-06), low-adhesive, resistant to hydrolysis and microbes. Colour grey (RAL 7001). Black outer sheath and red or blue core colours upon request.

As extension there are some single cores without UL/CSA approval in the delivery-program and are listed in the article table.

芯线数 / 导体截面积 no. of cores / cross-section	芯线数 / AWG no. of cores / AWG	铜重 copper weight kg/km	外径 outer- d mm	电缆重量 weight kg/km
3 G 0,5	3 x AWG 20	15	7,0	46
4 G 0,5	4 x AWG 20	20	7,5	58
5 G 0,5	5 x AWG 20	24	8,1	72
7 G 0,5	7 x AWG 20	34	9,7	85
12 G 0,5	12 x AWG 20	58	11,2	135
18 G 0,5	18 x AWG 20	87	13,0	194
25 G 0,5	25 x AWG 20	120	15,2	265
34 G 0,5	34 x AWG 20	164	16,8	343
2 X 0,75	2 x AWG 19	15	7,0	49
3 G 0,75	3 x AWG 19	22	7,3	60
4 G 0,75	4 x AWG 19	29	7,9	72
5 G 0,75	5 x AWG 19	36	8,5	89
7 G 0,75	7 x AWG 19	50	9,8	132
12 G 0,75	12 x AWG 19	86	11,8	186
16 G 0,75	16 x AWG 19	110	13,0	240
18 G 0,75	18 x AWG 19	130	13,7	270
25 G 0,75	25 x AWG 19	180	16,1	368
34 G 0,75	34 x AWG 19	245	17,8	526
3 G 1,0	3 x AWG 18	29	7,8	63
4 G 1,0	4 x AWG 18	39	8,4	83
5 G 1,0	5 x AWG 18	48	9,1	104
7 G 1,0	7 x AWG 18	67	10,5	152
12 G 1,0	12 x AWG 18	115	12,6	218
16 G 1,0	16 x AWG 18	153	14,0	272
18 G 1,0	18 x AWG 18	173	14,7	320
25 G 1,0	25 x AWG 18	240	17,2	412

34 G 1,0	34 x AWG 18	326	19,0	623
41 G 1,0	41 x AWG 18	394	21,5	670
2 X 1,5	2 x AWG 16	29	7,9	67
3 G 1,5	3 x AWG 16	43	8,3	87
4 G 1,5	4 x AWG 16	58	9,0	108
5 G 1,5	5 x AWG 16	72	9,7	132
7 G 1,5	7 x AWG 16	101	11,3	169
12 G 1,5	12 x AWG 16	173	13,7	282
16 G 1,5	16 x AWG 16	230	15,2	320
18 G 1,5	18 x AWG 16	259	16,2	464
25 G 1,5	25 x AWG 16	360	19,2	554
34 G 1,5	34 x AWG 16	490	21,4	752
50 G 1,5	50 x AWG 16	720	26,9	1.104
61 G 1,5	61 x AWG 16	878	27,4	1.325
3 G 2,5	3 x AWG 14	72	9,2	128
4 G 2,5	4 x AWG 14	96	9,9	155
5 G 2,5	5 x AWG 14	120	10,8	197
7 G 2,5	7 x AWG 14	168	14,5	258
12 G 2,5	12 x AWG 14	288	15,5	453
4 G 4	4 x AWG 12	154	13,4	264
5 G 4	5 x AWG 12	192	14,8	312
7 G 4	7 x AWG 12	269	18,3	516
4 G 6	4 x AWG 10	230	15,1	382
7 G 6	7 x AWG 10	403	20,0	751
4 G 10	4 x AWG 8	384	18,1	601
4 G 16	4 x AWG 6	615	21,1	851

单芯线符合 UL/CSA / single cores with UL/CSA				
1 X 10	1 x AWG 8	96	8,4	140
芯线不符合 UL/CSA / single cores without UL/CSA				
1 X 6		58	7,0	85
1 G 6		58	7,0	85
1 G 10		96	8,4	140
1 X 16		154	10,0	188
1 G 16		154	10,0	188