

FLEXIBLE CONTROL CABLE

2YSL(St)CY

APPLICATIONS

As motor connecting cable in machine tools, handling devices, production and processing tools and conveyors and industrial robots. Recommended for EMC application. Outdoor use only with UV protection (black color). Not for direct burial

CONDUCTOR CONSTRUCTION

Copper fine stranded class 5

TECHNICAL DATA

Nominal voltage U_0 : 600 V

Nominal voltage U : 1000 V

Maximum permitted operating voltage in 3 phase systems: 1,7 kv

Test voltage : 3KV , 5 min

Insulation resistance : Min 20 Mohm x km

OTHER CHARACTERISTICS

Max permissible temperature at conductor :

In operation : +70° C

In short circuit : +150° C

Max operating temperature, fixed : -30 - +70° C

Temperature, moved, during installation : -5 - +70° C

Bending radius, fixed installation : 10Xd

Bending radius, moved application : 25Xd

CORE IDENTIFICATION

Colors according to VDE 0293(HD308)

DESCRIPTION

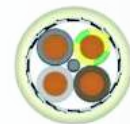
CORE
Copper

INSULATION
PE

TAPING
Polyester tape

SCREENING
Aluminium foil coverage 100%
Braiding of tinned copper wire coverage 75%

OUTER SHEATH
PVC Black or transparent



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Type	Sheath Nom Diameter mm	Cable weight Kg/Km
4x1,5	10,7	150
4x2,5	12,0	201
4x4	14,4	294
4x6	16,6	419
4x10	19,2	613
4x16	21,7	857
4x25	26,1	1261
4x35	29,7	1695
4x50	33,8	2308
4x70	38,7	3150
4x95	44,4	4191
4x20	49,0	5235
4x150	54,2	6450
4x185	59,4	7778
4x240	67,1	10099
3x1,5	9,9	124
3x2,5	10,9	161
3x4+3x0,75	13,2	261
3x6+3x1	14,9	362
3x10+3x1,5	17,7	531
3x16+3x2,5	19,8	741
3x25+3x4	23,7	1092
3x35+3x6	26,7	1462
3x50+3x10	30,7	2044
3x70+3x10	35,1	2685
3x95+3x16	39,7	3537
3x120+3x16	44,3	4426
3x150+3x25	48,9	5566
3x185+3x35	53,5	6814
3x240+3x50	60,5	8942