YSLY-OZ 0,6/1kV



Application

Wiring cable for measuring and controlling purposes in tool machinery, conveyor belts and production lines, for plant installations, air conditioning and in steel production plants and rolling mills. Suitable for installation for flexible use for medium mechanical stresses with free movement without tensile stress or forced movements in dry, moist and wet rooms as well as outside (fixed installation). Is not suitable to be used as direct burrial- or as underwater cable. The cores have been numbered in such a way that the numbers are easily identifiable, even if the cable has only been stripped back a few cm. The core numbers have been underlined to avoid confusion. The earth core is located in the outer layer. The black, special PVC outer sheath is resistant to the ultra violet radiation. Mainly used in South-European, Eastern and Arabian countries.

The materials used are free from silicon and cadmium and free from varnish damaging sustances.

Standards

adapted to DIN VDE 0262, DIN VDE 0285-525-2-51 / DIN EN 50525-2-51

CE = The product is conformed with the EC Low-Voltage Directive 2014/35/EU.

Construction

Inner Conductor	fine-stranded bare copper acc. DIN VDE 0295 cl. 5 / IEC 60228 cl. 5
Core Insulation	special polyvinylchlorid compound (PVC) TI2 to DIN VDE 0281 part 1
Core Color	black cores with continuous white numbering
Stranding Elements	cores stranded in layers with optimalbr>lay-length
Outer Insulation Material	special PVC type TM2 to DIN VDE 0281 part 1
Constant Against	extensively oil resistant

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ACS Handels GmbH
Kabel - Leitungen - Zubehör
Bahnhofstraße 1, 4531 Kematen / Krems

Tel.: +43 7228 200 880
E-Mail: office@acs.at

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Steuerleitungen
Control Cables

Technical Data

Nominal Voltage	U_0/U: 600 /1000 V
Nominal Volatage DC	U_0/U: 900 /1800 V
Test Voltage	4000 V
Bending Radius moved (xD)	7.5
Bending Radius fixed (xD)	4
Operating Temperature solid	-40 °C bis 70 °C
Operating Temperature moving	-5 °C bis 70 °C
Short Circuit Temperature	150 °C
Short Circuit Duration	5 sek.
Fire Classes	Eca

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Steuerleitungen
Control Cables

Prod. Nr. Prod. Nr.	Option Option	Dimensions Dimensions	Color Color	Weight (kg/km) approx. Weight (kg/km) approx.	Outer-Diameter (mm) approx. Outer-Diameter (mm) approx.
00926037	OZ	2 x 0,5	black - black	56,0	6,3
00926045	OZ	2 x 0,75	black - black	68,0	6,8
00926007	OZ	2 x 1	black - black	80,0	9,6
00926018	OZ	2 x 1,5	black - black	83,0	8,1
00926075	OZ	2 x 2,5	black - black	150,0	9,3
00926090	OZ	2 x 4	black - black	160,0	10,8
00926174	OZ	2 x 6	black - black	210,0	11,5
00926179	OB	2 x 10	black - black	370,0	14,0
00926132	OZ	3 x 0,5	black - black	68,0	7,0
00926128	OZ	3 x 0,75	black - black	74,0	7,4
00926127	OZ	3 x 1	black - black	96,0	7,7
00926124	OZ	3 x 1,5	black - black	112,0	8,7
00926180	OZ	3 x 2,5	black - black	175,0	10,0
00926172	OZ	4 x 0,5	black - black	100,0	7,5
00926134	OZ	4 x 0,75	black - black	96,0	8,0
00926131	OZ	4 x 1	black - black	115,0	8,4
00926129	OZ	4 x 1,5	black - black	139,0	9,5
00926167	OZ	4 x 2,5	black - black	203,0	10,9
00926166	OZ	5 x 1	black - black	130,0	9,1
00926136	OZ	7 x 0,75	black - black	152,0	9,5
00926168	OZ	7 x 1	black - black	160,0	10,0
00926169	OZ	7 x 1,5	black - black	210,0	11,3

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