

JZ-850 SY H Black

flexible control cable with steel wire braiding, halogen-free, extremely fire resistant Cca



Helukabel BELGIUM JZ-850 SY 5G1.5 QMM 300/500V IEC60332-3 AMGroup



TECHNICAL DATA

Special fireproof PVC control cable acc. to DIN VDE0281,0293,0295

Temperature range	flexible -5°C to +70°C fixed installation -15°C to +80°C
Nominal voltage	U ₀ /U 300/500 V
Test voltage	2000 V
Breakdown voltage	min. 8000 V
Minimum bending radius	10 x cable ø
Insulation resistance	min. 20 MOhm x km
CPR	Cca-s1a,d1,a1

■ CABLE STRUCTURE

- Bare copper, fine wire conductors, to DIN EN 60228, EN 60228, IEC 60228 cl.5
- Core insulation of HFFR compound
- Black cores with white figure imprint to DIN VDE 0293
- GN-YE conductor, 3 cores and above in the outer layer
- Cores stranded in layers with optimal lay length
- Galvanized steel wire braid
- Outer sheath: PVC
- Outer sheath colour: black
- Length marking: in metres

■ PROPERTIES

- The materials used during manufacturing are cadmium-free, contain no silicone and are free from substances harmful to the wetting properties of lacquers
- UV-resistant

■ TESTS

- flame retardant test acc. to IEC 60332-1-2, DIN EN 60332-1-2, EN 60332-1-2, BS EN 60332-1-2
- Flame propagation test acc. to IEC 60332-3-24, DIN EN 60332-3-24, BS EN 60332-3-24, EN 60332-3-24
- Smoke density test acc. to IEC61034-2, VDE 0482-1034-2, EN 61034-2
- Corrosive gas test acc. to IEC 60754-2, VDE 0482-754-1-2, EN 60754-2
- Halogen free test acc. to IEC 60754-1, VDE 0482-754-2, EN 60754-2

■ APPLICATION

SY-JZ cables are used as measuring and control cables in tool machinery, plant installation, power stations and in data equipment. The braided screen offers best possible protection against mechanical damage. The galvanized coating on the steel wire braiding not only helps protect against corrosion, but also notably improves the soldering performance.
= The product is confirmed with the EC Low-Voltage Directive 2006/95/EG.

- Special Production AM Group

■ NOTES

- G = with green/yellow conductor

Part no.	No. cores x cross-sec. mm ²	Outer-ø app. mm	Cu-weight kg/km	Weight kg/km, approx.
Z20001	3 G 1.5	8.6	43.0	136.12
Z21001	5 G 1.5	10.40	72.0	176.23
Z22001	8 G 1.5	12.2	115.0	257.28
Z23001	12 G 1.5	14.0	173.0	346.71
Z24001	18 G 1.5	16.7	259.0	487.07
Z25001	25 G 1.5	19.1	360.0	652.93

