

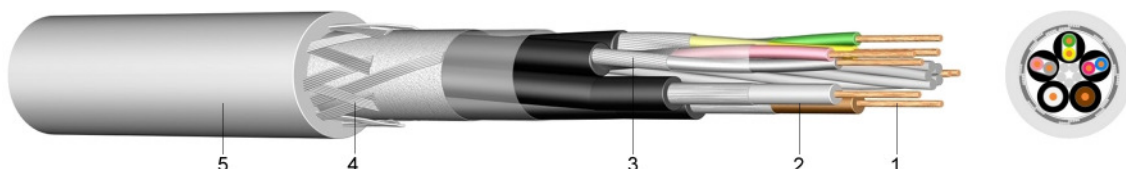
Datasheet SL 808C

Version 1/2009

Incremental Transmission Cable with PVC Outer Sheath

Application:

These cables are used as highly flexible connection cables in speedometers, brakes and pulse generators in machine and plant engineering for medium-level mechanical stress in dry, damp and wet locations. These two types show different characteristics in relation to the steering of servomotors. The motor feedback cable is used to regulate motor speed and indicate actual values. The incremental transmission cable controls positioning and processing.



Construction:

- 1 fine-stranded bare copper
- 2 core insulation of polyethylene (PE)
- 3 banding of plastic-concealed Al-foil and braided shield
- 4 screen of tinned copper braiding
- 5 outer sheath of polyvinylchloride (PVC)

According to:

adapted to DIN 0281, 0812
DIN EN 60228 class 5 (construction)
adapted to DIN 47100 (core identification)

Technical data:

Nominal voltage U ₀ /U	[V]	till 0,38mm ²	350 Volt
	[V]	from 0,50 mm ²	500 Volt
Test voltage	[V] _{AC}		2000
Temperature range	in motion		- 5 °C till +70 °C
	fixed		-30 °C till +80 °C
Operating temperature	short circuit	°C	150
Short circuit time	max.	[sec]	5
Bending radius	min.	x diameter	7,5
Flammability	standard		EN 60332-1-2

Number of cores and nominal cross section mm ²	Copper figure kg/km	Wire diameter mm	Overall diameter appr. mm	Weight appr. kg / km
4 x 2 x 0,14 + 4x0,5	72	0,16/0,21	8,0	96
4 x 2 x 0,25 + 2x1C	67	0,16/0,21	9,0	120
4 x 2 x 0,38 + 4x0,5	82	0,16/0,21	9,9	145
10 x 0,14 + 2x0,5	46	0,11/0,21	8,0	75
10 x 0,14 + 4x0,5	60	0,11/0,21	8,2	95
15 x 0,14 + 4x0,5	70	0,11/0,21	8,8	140
3 x (2x x 0,14C)+2x(0,5C)	86	0,11/0,21	8,0	100