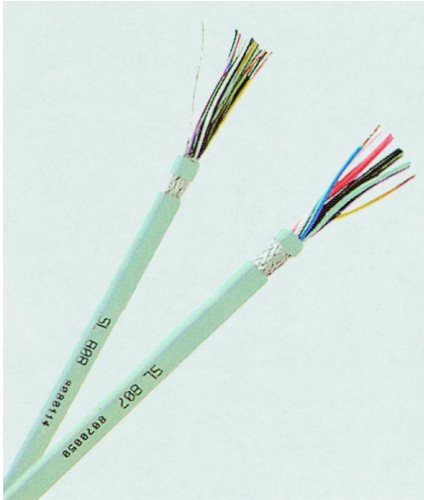


SL 807 C
SL 808 C

Motor Feedback Cable with PVC Outer Sheath
Incremental Transmission Cable with PVC Outer Sheath



Construction

Fine-stranded bare copper conductors according to VDE 0295 class 5, core insulation of polyethylene, cores are colour-coded, the motor feedback cable is stranded in layers, the incremental transmission cable is stranded in layers resp. in pairs, pairs are layered together, wrapping of PETP-foil, screen of tinned copper braiding with copper drain wire 0,14 mm², outer sheath of PVC, grey (RAL 7000), increased oil resistant.

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.

Temperature range

In motion - 5°C till + 70°C
For fixed installation - 30°C till + 70°C

Minimum bending radius

FBL 10 x overall diameter
IGL 12 x overall diameter

Number of cores and nominal cross section mm ²	Price EUR / km	Copper figure kg / km	Largest single wire diameter mm	Overall diameter ca. mm	Weight ca. kg / km
SL 807 C 500 V					
9 x 0,5	5.324,20	72	0,21	8,4	107
SL 808 C 350 V					
4 x 2 x 0,25 + 2 x 1,0	6.163,60	67	0,16/0,21	8,4	97
4 x 2 x 0,14 + 4 x 0,5	6.125,50	58	0,11/0,21	8,3	91
4 x 2 x 0,38 + 4 x 0,5	7.187,20	82	0,21/0,21	10,1	131
10 x 0,14 + 2 x 0,5	5.155,20	46	0,11/0,21	7,4	75
10 x 0,14 + 4 x 0,5	5.758,10	60	0,11/0,21	8,0	92
15 x 0,14 + 4 x 0,5	6.370,20	70	0,11/0,21	9,3	115
3 x (2 x 0,14 C) + 2 x 1	9.392,80	82	0,11/0,21	8,2	100
3 x (2 x 0,14 C) + 2 x (0,5 C)	10.647,10	86	0,11/0,21	8,2	100
3 x (2 x 0,14 C) + 3 x 2 x 0,25	12.737,20	79	0,11/0,16	9,4	110