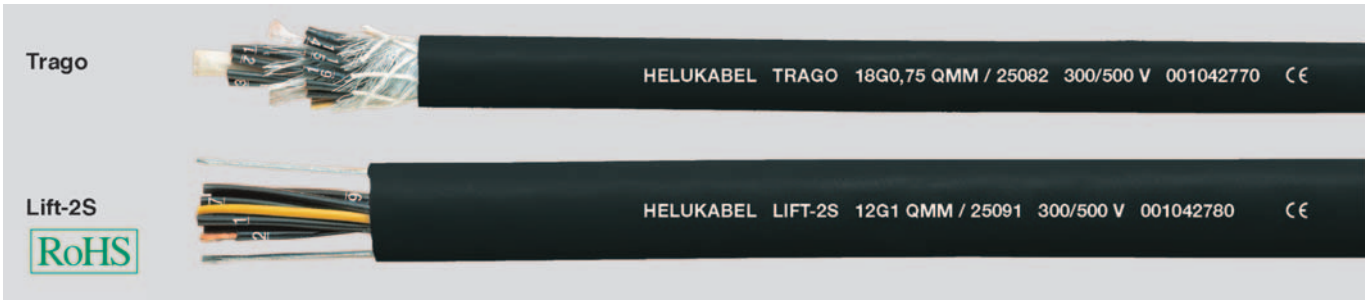
TRAGO / Lift-2S Lift and Hoist Control Cables 300/500 V



Technical data

- Lift hoist control cables with strain bearing element Special PVC-compound for core and sheath, adapted to DIN VDE 0250
- **Temperature range**
  flexing -15°C to +70°C
  fixed installation -40°C to +70°C
- **Max. conductor temperature**
  under load +70°C
  circuit conditions +150°C
- **Nominal voltage**
  U_0/U 300/500 V
- **Test voltage** 3000 V
- **Breakdown voltage**
  min. 6000 V
- **Minimum bending radius**
  20x cable Ø

Cable structure

- Bare copper-conductor, to DIN VDE 0295 cl.6, extra fine-wire, BS 6360 cl.6, IEC 60228 cl.6
- Core insualtion of special PVC, TI2 to DIN VDE 0207-363-3 / DIN EN 50363-3
- Core identification to DIN VDE 0293
- GN-YE conductor
- Special hemp support braid for **Trago** type with central support core of hemp
  for **Lift-2S** type with 2 outer steel support wires
- Cores stranded in layers with optimal lay-length
- Multi-layer wrapping functioning as a support braid
- Outer sheath of special PVC TM2 to DIN VDE 0207-363-4-1/DIN EN 50363-4-1
- Sheath colour black (RAL 9005)

Properties

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

Tests

- PVC self-extinguishing and flame retardant acc. to DIN VDE 0482-332-1-2, DIN EN 60332-1-2, IEC 60332-1 (equivalent DIN VDE 0472 part 804 test method B)

Note

- G = with green-yellow conductor
- AWG sizes are approximate equivalent values. The actual cross-section is in mm².

Application

These cables are used as control or feeder cables in lifts and hoists. The special attention given to both production and material quality for these cables has made them ideal even for use under extreme conditions. HELUKABEL®-Lift-2S has also proven itself to be ideally suited for installation in conveyor systems and manual control units. The external steel support wires can be dismounted without damaging the cable insulation.
CE= The product is conformed with the EC Low-Voltage Directive 2006/95/EC.

TRAGO with central support

Part no.	No.cores x cross-sec. mm²	Outer Ø approx. mm	Cop. weight kg / km	Weight approx. kg / km	Support core	Pendal length max. m	AWG-No.
25080	7 G 0,75	15,4	50,0	290,0	Hemp	250	19
25081	12 G 0,75	19,2	86,0	360,0	Hemp	220	19
25082	18 G 0,75	21,0	130,0	455,0	Hemp	110	19
25083	24 G 0,75	23,0	173,0	535,0	Hemp	90	19
25084	7 G 1	14,9	67,0	222,0	Hemp	80	18
25085	12 G 1	20,0	115,0	415,0	Hemp	80	18
25086	18 G 1	21,4	173,0	450,0	Hemp	70	18
25087	20 G 1	21,6	192,0	490,0	Hemp	70	18
25088	24 G 1	23,2	230,0	605,0	Hemp	60	18
25089	36 G 1	26,1	346,0	950,0	Hemp	90	18

Lift-2S with 2 external support cores

Part no.	No.cores x cross-sec. mm²	Outer Ø approx. mm	Cop. weight kg / km	Weight approx. kg / km	Support core	Pendal length max. m	AWG-No.
25091	12 G 1	13,5	115,2	446,0	Steel	50	18
25092	18 G 1	16,2	172,8	528,0	Steel	50	18
25093	25 G 1	19,0	240,0	660,0	Steel	50	18
25094	30 G 1	21,9	288,0	760,0	Steel	50	18
25095	8 G 1,5	14,7	115,0	425,0	Steel	50	16
25096	12 G 1,5	16,0	172,8	505,0	Steel	50	16
25097	15 G 1,5	19,5	230,0	575,0	Steel	50	16
25098	18 G 1,5	19,3	259,0	640,0	Steel	50	16
25099	20 G 1,5	19,5	288,0	715,0	Steel	50	16
25100	24 G 1,5	22,5	346,0	820,0	Steel	50	16

Dimensions and specifications may be changed without prior notice. (RF01)

Suitable accessories can be found in Chapter X.

• Cable tie - T-WS