

D A T A S H E E T

Equipment Wire tinned flexible
LivY / LiYv - acc. AWG 32 - 0,04 mm²/0,6
Acc. VDE 0812 and EN 60228

WIRE CONSTRUCTION	Flexible tinned annealed copper wire conductor 5 wires x 0,10 mm acc. EN 60228 class 5
SINGLE WIRE	0,10 ± 0,003 mm acc. EN 13602
MATERIAL SURFACE	min.. 0,3 µm Tin
MATERIAL	Soft-annealed electrolytic copper E-Cu ETP-1 acc. EN 13602
COPPER WEIGHT	0,4 kg / 1000 m
DIAMETER OF CONDUCTOR	max. 0,3mm; nom. 0,25mm
INSULATION	Soft-PVC TI2 acc. EN 50363; PHTHALAT-FREE (also for Toys) Shore A 92 ±3
FLAME RETARDANT	PVC self-extinguishing and flame retardant acc. EN 60332-2-2
INSULATION DIAMETER	0,5 mm +0,1 mm / thickness nom. 0,2mm
TEMPERATURE RANGE	moved -10 bis +85°C (>3.000 h) unmoved -40 bis +85°C (>3.000 h) unmoved -40 bis +70°C (>20.000 h)
INSULATION DC RESISTANCE	min. 20 MΩ x km acc. VDE 0812
SERVICE VOLTAGE	max. 60 V
TESTING VOLTAGE	max. 800 V
CURRENT RATING	max. 0,4 A at 20°C
ELECTRICAL RESISTANCE	max. 580 Ω / km acc. EN 60228 at 20°C
WEIGHT	ca. 0,6 kg/1.000m
BENDING RADIUS	fixed installation: 3 x cable diameter (3D); flexing: 5D; under mechanical stress: 8D
REEL LENGTH	Spools e.g. K125 1000m
CONFORMITY	RoHS and REACH