



Motor cable | ZK4509-0024-zzzz
 PUR, orange, drag chain usable, (4x2.5+2x(2x1.0mm²))

Cable

Electrical data	
Rated voltage	1000 VAC
Insulation resistance	250 MΩ*km
Dielectric strength wire/wire	4 kV
Dielectric strength wire/shield	4 kV
Mechanical data	
Cross section (power)	2.5 mm ² (AWG14)
Cross section (control)	1.0 mm ² (AWG18)
max. Bending radius, moved	7.5x cable outer diameter
max. Bending radius, fixed installation	5x cable outer diameter
Drag chain usable	yes
Weight	300 kg/km (202lb/1000ft)
Cable outer diameter	14.6 mm ±0.4 mm (0.575" ±0.016")
Conductor material	Copper, blank
Optical covering factor of shielding	≥85%
max. Acceleration	50 m/s ²
max. Speed	5 m/s
torsion angle	±30 °/m
max. Number of cycles	10 million
Wall thickness of wire insulation (power)	0.5 mm
Wall thickness of wire insulation (control)	0.4 mm
Wall thickness of jacket	1.3 mm
Jacket color	orange, DESINA
Jacket material	PUR (polyurethane)
Wire insulation material	U/L1/C/L+, V/L2, W/L3/D/L-, green-yellow, 5+6, 7+8
Wire insulation material	PP (polypropylene)
Printing on the jacket	4G2.5+2x(2x1 C) C -- PUR dynamic -- E73526 UR AWM 80°C 1000V – LL88673 CSA AWM I/II A/B 80°C 1000V FT1 -- DESINA -- NSCP - VDE REG. Nr. 7893 -- week/year
Printing color	black

Environmental data	
Operation temperature range, moved	-20°C up to 60°C (-4°F up to 140°F)
Operation temperature range, fixed installation	-40°C up to 80°C (-40°F up to 176°F)
UV resistance	yes
Oil resistance	yes
Acid, lye and solvent resistance	depends on medium, concentration, temperature and time
Other characteristics	RoHS-conform, flame resistant, free from harmful substances, halogen, silicon, CFC
Approvals	AWM-Style 20234
Ordering information	
ZK4509-0024-zzzz	product sold by meter