

Motorleitung ZK4704-0401-2zzz



Plug connector	Contact	Function	Core identification	Clamping unit	Plug connector
<p>Mating view</p>	A	U	black	4	Flying leads
	B	W	grey	5	
	C	V	brown	12	
	1	Brake +	red	6	
	2	Brake -	black	14	
	3	Temp. + / OCT +	white	1	
	4	Temp. - / OCT -	blue	9	
	5	-	-	-	
	⊕	PE	green/yellow	PE	

Catalog data	
Catalog text	0.75mm <sup>2</sup> with iTex plug, for fixed installation
Servomotor	AM81xx
Servo Drive	EL72x1-x01x
Catalog description	(4x0.75mm <sup>2</sup> + 2x0.25mm <sup>2</sup> + (2xAWG26))

Electrical properties at 20°C	
Max. operating voltage	300 VAC (UL)   U <sub>o</sub> /U 300/500 V (VDE)
Direct current resistance	≤ 145.0 Ω/km (AWG26) / ≤ 87.0 Ω/km (0.25 mm <sup>2</sup> ) / ≤ 28,0 Ω/km (0.75 mm <sup>2</sup> ) acc. to DIN EN 50395
Insulation resistance	≥ 500 MΩ x kmacc. to DIN EN 50395
Operating capacity at 800 Hz	wire / screen ≤ 150 pF/m (0.75mm <sup>2</sup> ) acc. to EN 50289-1-5

Mechanical properties	
Outer diameter d	7.0 ± 0.3 mm
Min. bending radius	5 x od for fixed installation
Operating temperature	-20°C up to +80°C
Shield covering	>85 %

Properties cable	
Material outer sheath	PVC, flame retardant
Color	Orange, like RAL 2003
RoHS conformity	Yes
Silicon-free	Yes
Flame resistance	IEC 60332-1-2 / UL758 cable flame test
Oil resistance outer sheath	Acc. to EN 60811-404
UL Approbationen	UL AWM 80 °C 300V (Style 2095)

Properties motor plug	
Housing	brass, zinc diecast; nickel-plated and plastic-coated
Connecting Nut	Fiber-glass reinforced for high mechanical stress
Contacts	brass, gold-plated
Seals	FPM (Viton)
Clamp Ring	brass nickel-plated
Protection Type	connected: IP 65 (acc. IEC 60529)
Mating Cycles	min. 500