



Contact Arrangement
mating view

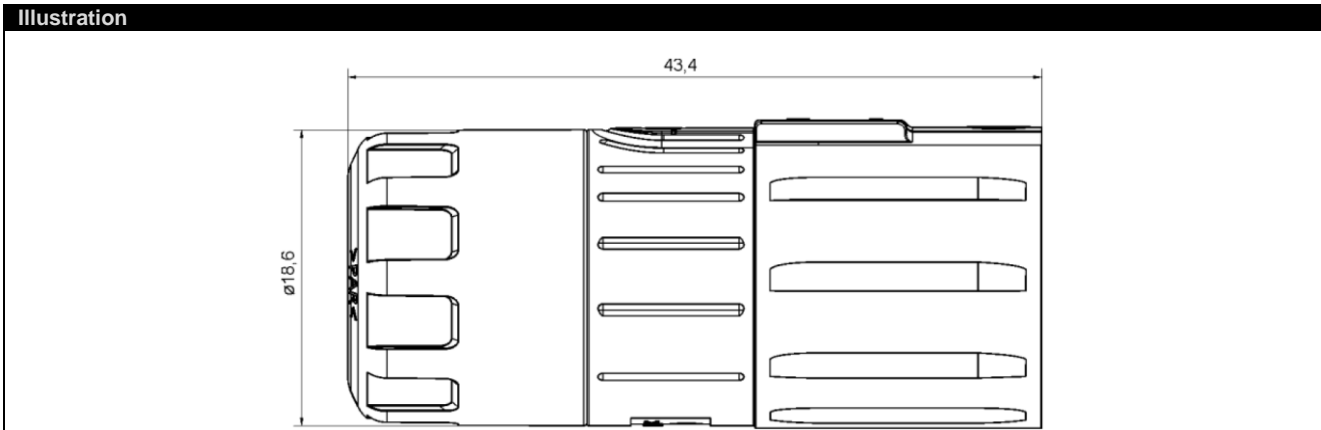
Contact Socket 1.0 mm
crimp



ZS4000-2102 | EMC power connector (female), iTec, 9-pin, for motor cable ZK4704-0411-xxxx (counterpart to motor socket AM3100/AM8100)

Connector

Electrical data	
Rated voltage	630 V (AC / DC) for power contacts 63 V (AC / DC) for signal contacts
Rated current	14 A for power contacts 3.6 A for signal contacts
Rated impulse voltage	6 kV for power contacts 1.5 kV for signal contacts
Overvoltage category	III
Shield	ja
Mechanical data	
Installation size (M12, M8,...)	iTec
Connector type (plug, socket)	plug
Configuration (straight, angled)	straight
Contact type (male, female)	female
Number of positions (face)	9 (4 + PE + 5)
Wire termination	crimp
Mating cycles	500
Clamping range	8.5 mm up to 10.5 mm
Housing material	zinc diecast / nickel plated
Contact carrier material	PA 6.6 mod., UL 94/V0
Contact material	brass / gold plated
Clamp ring material	plastic
Sealing material	FKM
max. wire cross section	0.14 - 1.50mm ² (AWG26 – AWG16)
Environmental data	
Other characteristics	RoHS-conform, UL-certified, UL 94-V0
Operation temperature range in °C (°F)	-20°C up to 130°C
Protection level	IP66/67 in screwed condition (according IEC 60529)
Degree of pollution	3



Ordering information	
ZS4000-2102	EMV-Leistungsstecker (Buchse), iTec, 9-polig, für Motorleitung ZK4704-0411-xxxx für Resolverfeedback (Gegenstück zur Motordose AM3100/AM8100)