



## Matuschek Meßtechnik

Garanti: 12 ay  
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rn	Aıklama
<a href="#">Spatz+ M400I</a>	Power source Medium frequency inverter for connection to an external welding transformer - 1kHz MF-DC inverter power source - adaptive MASTER control method - 1024 MASTER reference welding programs - 128 service programs - USB and Ethernet interface for direct connection to the PC - 2 slots for expansion cards - Extended QS data package - Parallel I / O interface, 16 dig. Inputs, 10 dig. Outputs, 24V DC - Signal inputs for welding current and voltage - Power supply 3 ~ 400V - 480V, 50 / 60Hz - nominal power 150 kVA at 20% ED, 90kVA at 50% ED and 400V - Max. Output current I = 450A, nominal 400A - air cooling
<a href="#">Spatz+ Fb-Net</a>	Fieldbus card Profinet Cu - Top board for fieldbus slot - Dual switch with 8-pin RJ45 plugs
<a href="#">Spatz + Control Cabinet CI-R1</a>	- Cabinet dimensions W x H x D: 700 x 400 x 530 mm (including supernatants) - Color light gray, RAL 7035 - Main switch 100 A 4-pole with integrated 30 mA residual current monitoring, type B, Operating handle in the control cabinet door - Connection welding transformer on 35 <sup>2</sup> mm terminal block on the inverter - Mains connection on main switch - Ext. 24 V DC power supply - Cable feed via cable glands in the back of the control cabinet - Active fan cover with two fans, protected against blocking
<a href="#">Spatz Studio</a>	PC software - Programming individual welding controls via a USB connection - Complete online functionality - QA trend analysis of the last 1,000 welds - Error log with display of the curves the respective weld (welding current, Electrode voltage, control value) - System requirements: - CPU Intel i3, 2 GHz, 1 GB HDD - 8 GB RAM - Monitor resolution 1600 x 900 pixels - Windows 7 or higher
<a href="#">M04PW K003</a>	SPATZ+ M400W power source medium frequency inverter for connection to external welding transformer - 1 kHz MF-DC inverter power source - adaptive MASTER control procedure - 1024 MASTER reference welding programs - 128 service programs - USB and Ethernet interface for direct connection to the PC - 2 slots for expansion cards - extended QS data package - Parallel I/O interface, 16 dig. inputs, 10 digits Outputs, 24VDC - Signal inputs for welding current and voltage - Analog input for force and displacement signal, 0 - 10 V - Power supply 3~ 400 V - 500 V, 50/60 Hz - Rated power 140 kVA at 20% ED, 88 kVA at 50% ED and 400 V - max. output current I = 450 A, nominal 400 A - Water cooling
<a href="#">MOSPND004</a>	SPATZ+ FB-Net Profinet module Field bus card Profinet Cu - Add-on circuit board for fieldbus slot - Dual switch with 8-pin RJ45 connectors Article: MOSPKMB001 (successor model)
<a href="#">SPATZ+ KAM</a>	Extension of contact query
	welding data recorder with 4 measuring channels for current, voltage, displacement, force - 4.3" color display - Current measuring range 3 levels: 2 kA, 20 kA and 200 kA - Electrode voltage +/- 16 V - Displacement measuring range +/- 30 mm

<a href="#">Spatz Multi04</a>	- Force measurement range 1 N - 65 kN depending of force sensor used - max. measurement time: 20 s, at 20 KHz resolution all input channels simultaneously - Measurement memory: > 1,000,000 welds - Curves in 50 µs resolution: > 10,000 welds (when using the supplied SD card with 8 GB storage capacity) - Use of SD cards up to 32 GB - 2 potential-free digital outputs, (max. 100mA) 24VDC - 2 potential-free digital inputs, 24 V DC
<a href="#">SPATZ Multi04 current sensor</a>	SI150 rigid, without lock Inner diameter: di = 35 mm Outside diameter: da = 81 mm Height: 20mm Sensitivity: 150 mV/kA at 50 Hz - with holder for electrode cap attachment Included: - Electrode cap attachment 13 mm - Electrode cap attachment 16 mm - Electrode cap attachment 20 mm - Article number: SI15F001
<a href="#">SPATZ+ Multi04 current sensor</a>	connecting cable 3 m - Article number: SI01C001
<a href="#">SPATZ Multi04 current sensor</a>	SI-150 Current measuring belt, flexible - Colour blue - Sensitivity 150mV/kA - Sensor cable approx. 2 m - Color coded plug connection to the Multi-04 - Article number: SI15B002
<a href="#">Su-01-Wr</a>	
<a href="#">Spatzmulti04</a>	
<a href="#">Sk-100 (Ex.Sk-100-Wr)</a>	
<a href="#">Kam300c1</a>	SPATZKAM Type Nr. : KAM300C1 UN. : 24V DC UM. : 11V IP: 20
<a href="#">¼berpr¼fungsmodule</a>	
<a href="#">Ultiforce</a>	
<a href="#">Connecting Cable</a>	
<a href="#">Dd106n16k</a>	¼BERPR¼FUNGSMODUL SCHWEISSMASCHINE
<a href="#">Si-150-Wr</a>	