

Joint data for WIM/WIA-displays

Power supply and voltages:

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| <u>Powersupply:</u> | 24VDC | 12V < VDC < 38V, max ripple: 5%, GND = Chassis/Earth |
| | | Current consumption: Start: 2A Continuous: 100-400mA |
| | 230VAC | 230VAC±5%, 50Hz, Phase/Neutral/Earth, Earth = Chassis |
| | | Current consumption: Start: 400mA Cont.: 200-800mA |

External adaptor for IP67 Input: 96 -264VAC, 50-60Hz. Output: 24VDC, 2,5A

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| <u>Power connector:</u> | 4-way G30W3F Hirschmann, VDE0110, IP65 |
| <u>Signal connector:</u> | IP54 25 way D-Sub, male multiconnector, universal |
| | IP65 and 67: Special 25 way D-sub w/gasket and alu-housing w/ 2x PG7 |

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| <u>Power out:</u> | 5-30VDC, max 100mA. For signal pull-up only |
| | 25pD-sub: +5-30V = pin 1+14, 0V = pin 2+15 |

Serial Communication (only digitale interfaces - IM8xx):

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| <u>RS232</u> | Galvanically isolated, 9600 baud, 1 stop bit, no parity, 8 bit |
| | Direct ASCII or MDA485 protocol |
| | 25polD-sub: RX = pin3, TX = pin4, Signal ground = pin5 |

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|------------------|---|
| <u>RS422/485</u> | Galvanically isolated, 9600 baud, 1 stop bit, no parity, 8 bit |
| | RS422: single user; RS485: adresse up to 255 nodes |
| | Direct ASCII or MDA485 multidrop protocol |
| | 25polD-sub: RTX- = pin16, RTX+ = pin17, Signal ground = pin5, RS485 select = pin 18 |

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| <u>Ethernet(IM802)</u> | Unique IP-address, built in HUB |
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Analogue measuring data (for IM457 interfaces) **NB. Only for WIM-displays**:

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| <u>Input</u> | Current loop | 0-20mA or 4-20mA |
| | Voltage | 0-1V, 0-10V, 1-5V |
| | Channels | 2 channels input with external choice. |
| <u>Resolution</u> | | Max. 4½digit (1.9999) |
| <u>Adjustments</u> | | Offset and span |

All data are subject to change or improvement without notice