

i-Box Interface, type 6932-112 series A

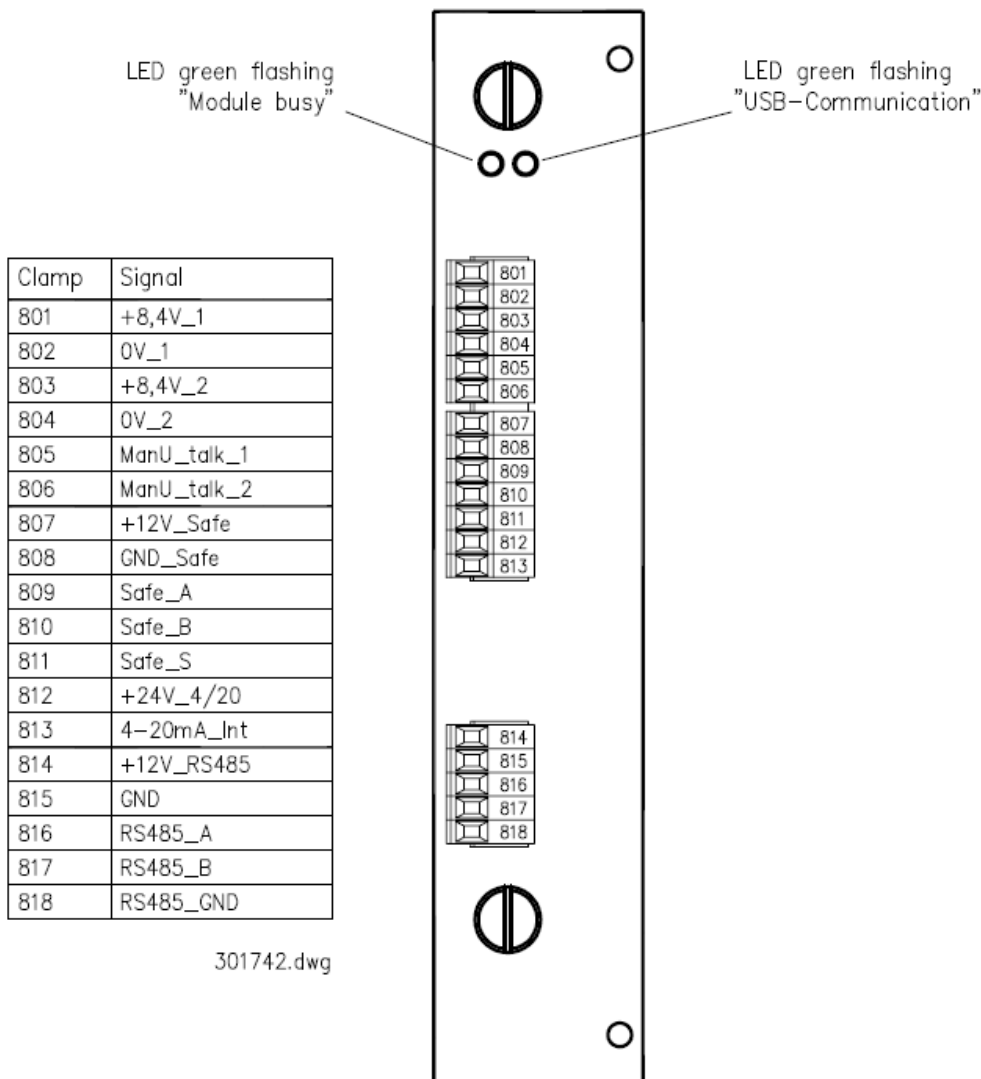
- Interface plug-in card for the evaluation of residual quantity sensors, temperature sensors and product IDs in accordance with EN 14116
- Interface for connection to basic module type 6932-11
- ATEX approved



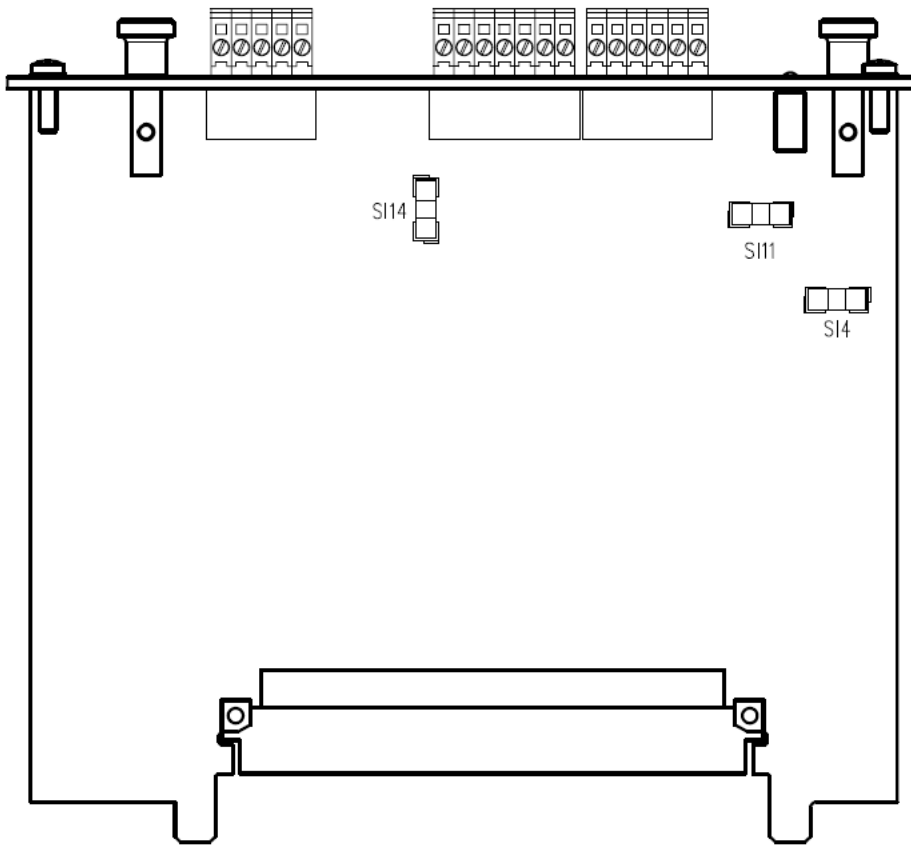
Technical data	
Electrical data	
Supply voltage	DC 24V, fuse 1A DC 5,5V, fuse 250mA
Supply of I-Box Namur/ Namur plus	2 x DC 8,4V; fuse 100mA Explosion protection: Ex ia intrinsically safe power supply circuit; for detailed electrical data, see operating instructions
Supply of I-Box PID	DC 12 V; fuse 125mA Explosion protection: Ex ia intrinsically safe power supply circuit; for detailed electrical data, see operating instructions;
Supply of RS485	DC 12 V; fuse 125mA Explosion protection: Ex ia intrinsically safe power supply circuit; For detailed electrical data, see operating instructions;
System interface	USB Full speed, self powered, 12 Mbit/s via motherboard
Product ID	6005
I-Box Namur/ I-Box Namur plus - Data interface	2 x current-modulated, 200 Baud Explosion protection: Ex ia intrinsically safe power circuit; for detailed electrical data, see operating instructions;
I-Box PID data interface	RS485, 153600 Baud Explosion protection: Ex ia intrinsically safe power circuit; for detailed electrical data, see operating instructions;
HART	Internal HART modem (4-20mA, 1200Bit/sec) Explosion protection: Ex ia intrinsically safe power circuit; for detailed electrical data, see operating instructions;
RS485 data interface	RS485 Explosion protection: Ex ia intrinsically safe power circuit; for detailed electrical data, see operating instructions;
Ambient conditions	
Ambient temperature	-20 ... +70 °C
Ambient temperature (inside the basic module)	-20 ... +50 °C
Storage temperature	-20 ... +50 °C
Protection type	IP00 in accordance with DIN 40050
Equipment group / category / type of protection	II (1) G [Ex ia] IIB
EC-type examination certificate Norms	BVS 10 ATEX E 094 EN 60079-0, EN 60079-11, EN 60079-14, EN 60079-26

Mechanical data	
Dimensions	see dimensional drawing
Weight	2,5 N (250g)
System connection	plug-in card
Connection	Terminals 1,5 mm ² pluggable
Ordering details	
Designation	Order number
I-Box interface type 6932-112 series A	301742

Dimensions and Terminal connection



Fuses



Fuse	Description	Value	Order No.
SI4	+12V_SAFE (I-Box PID)	T 125mA	292349
SI11	+8,4V_1/2 für I-Boxes Namur or Namur Plus	T 100mA	291908
SI14	+12V_RS485	T 125mA	292349

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