




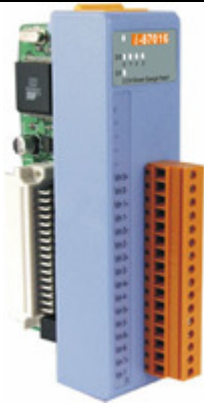











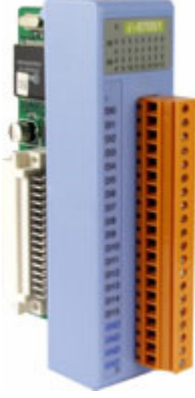


Modulübersicht ICP


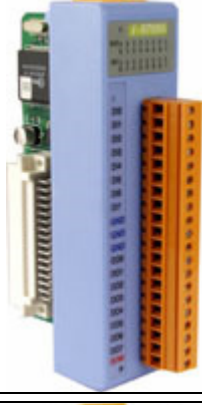


Typ	Bild	Beschreibung	EP in €	Preis in €
I-87K4		<ul style="list-style-type: none"> Gehäuse 4 E/A Stots Hutschienen oder Wandbefestigung L/B/T 229/110/90 	118,00	
I-87K8		<ul style="list-style-type: none"> Gehäuse 8 E/A Stots Hutschienen oder Wandbefestigung L/B/T 354/110/90 	154,00	
Module Analog I/O				
I-87005		<ul style="list-style-type: none"> Input Type : Thermistor Input Channels : 8 Thermistor Type : Precon ST-A3, Fenwell U, YSI L100, YSI L300, YSI L1000, YSI B2252, YSI B3000, YSI B5000, YSI B6000, YSI B10000, YSI H10000, YSI H30000, User-defined Resolution : 16-bit Accuracy : +/-0.1% Sampling Rate : 8 samples/second (Total) -3dB BandWidth : 5.24Hz Common Mode Rejection : Typical 86dB Voltage Input Impedance : >1M Ohms Individual Channel Configurable Wire Opening Detection Alarm Output Type : Open collector Alarm Output Channels: 8 (NPN, Sink) Open collector to 30V, 400mA max. load (per channel) Isolation Voltage : 3000Vdc Power : Input Voltage Range : +5Vdc Power Consumption :1.0W 	- ,00	
I-87013		<ul style="list-style-type: none"> Serial I/O Module Analog Input Channels: 4 Input Type: Pt, Ni Resolution: 16-bit Sampling Rate: 10 samples/sec Bandwidth: 15.7Hz Wire connection: 2/3/4 Accuracy: +/- 0.1% or better Zero drift: +/-0.5µV/ °C Span drift: +/- 25 ppm/°C CMR @ 50/60 Hz: 150dB min. NMR @ 50/60 Hz: 100 dB Over voltage protection: +/- 35 V Power Consumption:0.8W 	204,00	
I-87015		<ul style="list-style-type: none"> Input Type : Supports 2/3 wire RTD Input channel : 7 RTD Range : Pt100,Pt1000, Ni120, Cu100, Cu1000 Resolution : 16-bits Accuracy : +/-0.05% Sampling Rate : 7 samples/second (Total) -3dB BandWidth : 5.24Hz Common Mode Rejection : Typical 86dB Voltage Input Impedance : >1M Ohms Individual Channel Configurable Wire Opening Detection Isolation Voltage : 3000Vdc Power : Input Voltage Range : +5Vdc Power Consumption :1.0W 	230,00	



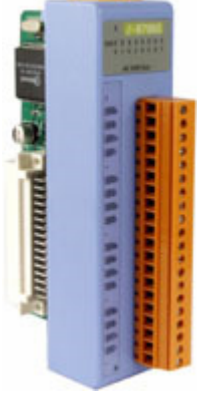
Typ	Bild	Beschreibung	EP in €	Preis in €
I-87016		<p>Analog Input</p> <ul style="list-style-type: none"> Channels: 2 Only one channel is available at a time Analog Input Type : mV, V, mA Sampling Rate: 10 Samples/Second Resolution: 16-bits Bandwidth: 5.24Hz Accuracy: $\pm 0.05\%$ FSR Zero Drift: $\pm 0.5\mu\text{V}/^\circ\text{C}$ Span Drift: 25ppm/$^\circ\text{C}$ CMR @ 50/60Hz: 150dB NMR @ 50/60Hz: 100dB Input Impedance: 20M Ohms Isolation: 3000V rms <p>Excitation Voltage Output</p> <ul style="list-style-type: none"> Output Channels: 1 Output Range: 0 to +10V Max Output Load: 40mA Accuracy: $\pm 0.05\%$ of FSR Drift: $\pm 50\text{ppm}/^\circ\text{C}$ Output Impedance: 12 Ohms Isolation: 3000Vdc <p>Digital Output</p> <ul style="list-style-type: none"> Channels: 4 Open Collector to 30V Output Load: sink 30mA max Power Dissipation: 30mW <p>Digital Input</p> <ul style="list-style-type: none"> Channels: 1 CLogic Level 0: +1V max Logic Level 1: +3.5 to 30V <p>Event Counter</p> <ul style="list-style-type: none"> Max Input Frequency: 50Hz Min. Pulse Width: 1mS <p>Power Supply</p> <ul style="list-style-type: none"> Input: +5Vdc Consumption : 2.4W 	224,00	
I-87017		<ul style="list-style-type: none"> Serial I/O Module Analog Input Channels: 8 Differential Input Input type: mV, V, mA Input range: $\pm 150\text{mV}$, $\pm 500\text{mV}$, $\pm 1\text{V}$, $\pm 5\text{V}$, $\pm 10\text{V}$ and $\pm 20\text{mA}$ (requires optional external 125 ohm resistor) Sampling rate: Normal mode: 16-bit, 10 samples/sec (total) Fast mode: 12-bit, 60 sample/sec (total) Bandwidth: 13.1 Hz Accuracy: $\pm 0.1\%$ or better Zero drift: $\pm 20\mu\text{V}/^\circ\text{C}$ Span drift: $\pm 25\text{ppm}/^\circ\text{C}$ CMR @ 50/60 Hz: 86 dB min NMR @ 50/60 Hz: 100 dB Over voltage protection: $\pm 35\text{V}$ Resolution: 16-bit / 12-bit Power Consumption: 1.1 W max 	166,00	
I-87S125		125 ohm resistor (Widerstand für $\pm 20\text{mA}$)	3,50	
I-87017R		Wie I-87017, jedoch <ul style="list-style-type: none"> Over voltage protection: $\pm 240\text{Vrms}$ 	190,00	



Typ	Bild	Beschreibung	EP in €	Preis in €
I-87017RC		<ul style="list-style-type: none"> • Input Channels: 8 differential • Input range: +/- 20 mA (No external resistor required) • Resolution:16-bit / 12-bit • Input Impedance : 125 ohm • Bandwidth: 15.7 Hz • Sampling rate: Normal mode:16-bit,10 samples/sec (total) Fast mode:12-bit,60 sample/sec(total) • Accuracy: Normal mode:0.1% or better Fast mode:0.5% or better • CMR @ 50/60 Hz: 86 dB • NMR @ 50/60 Hz: 100 dB • Over voltage protection: 240 Vrms • Common Voltage: ± 200VDC • Isolation:3000VDC • Power Consumption: 1.0 W max 	190,00	
I-87018		<ul style="list-style-type: none"> • Serial I/O Module • Analog Input Channels: 8 • Differential Input • Input Type: thermocouple, mV, V, or mA • Voltage range: +/- 15mV, +/-50mV, +/- 100mV, +/- 500mV, +/-1V, +/- 2.5V • Current range: ± 20mA (requires optional external 125 ohm resistor) • Sampling rate: 10 samples/sec • Bandwidth: 13.1 Hz • Accuracy: +/- 0.1% or better • Zero drift: +/- 0.5uV/°C • Span drift: 25ppm/°C • CMR @ 50/60 Hz: 150 dB • NMR @ 50/60 Hz: 100 dB • Over voltage protection: +/-35V • Power Consumption: 1 W max 	170,00	
I-87018R		<p>Wie I-87018, jedoch</p> <ul style="list-style-type: none"> • Over voltage protection: +/- 240 Vrms 	214,00	
I-87019R		<ul style="list-style-type: none"> • Input Type : mV, V, mA, Thermocouple • Input Channels: 8 differential • Voltage Range: ± 15mV, ± 50mV,± 100mV, ±150mV, ± 500mV,± 1V, ± 2.5V, ± 5V, ± 10V • Thermocouple Range : Type J, K, T, E, R, S, B, N, C, L, M, L2 • Current Range: ± 20mA (jumper selectable) • Resolution : 16-bits • Sampling Rate : 8 samples/second (Total) • Accuracy : +/-0.15% • -3dB BandWidth : 5.24Hz • Common Mode Rejection : Typical 86dB • Voltage Input Impedance : >2M Ohms • Overvoltage Voltage Protection : +/-240Vrms • Individual Channel Configurable • Wire Opening Detection for Thermocouple • Isolation Voltage : 3000Vdc • Power : Input Voltage Range : +5Vdc • Power Consumption : 1.1W 	230,00	

Typ	Bild	Beschreibung	EP in €	Preis in €
I-87022		<ul style="list-style-type: none"> Serial I/O Module Analog Output Channels:2 Resolution: 12bit Output Type:mA or V Output Range:0~20mA,4~20mA,0~10V Isolation Voltage:3000Vdc 7000 command compatible support channel to channel isolation support dual watchdog function Accuracy:+/-0.1% of FSR for voltage output,+/-0.2% of FSR for current output support power-up value for each analog output channel support safe value for each analog output channel support slew-rate control for each analog output channel Power Consumption:2.4W 	184,00	
I-87024		<ul style="list-style-type: none"> Serial I/O Module Analog Output Channels:4 Resolution: 14bit Output Type:mA or V Output Range: 0 ~ 20 mA, 4 ~ 20 mA, +/- 10V, +/-5V, 0~10V, 0~5V Accuracy: +/- 0.1% of FSR for voltage output Isolation Voltage: 3000Vdc 7000 command compatible support dual watchdog function support power-up value for each analog output channel support slew-rate control for each analog output channel support safe value for each analog output channel Power Consumption: 1.7W 	224,00	
I-87026		<ul style="list-style-type: none"> Serial I/O Module Analog Output Channels: 2 Resolution: 16-bit Output Type: mA or V Output Range: 0 ~ 20 mA, 4 ~ 20 mA, 0 ~ 10V Accuracy: +/- 0.02% Isolation Voltage: 3000Vdc 7000 command compatible support channel to channel isolation support dual watchdog function support power-up value for each analog output channel support slew-rate control for all analog output channel support safe value for each analog output channel Power Consumption: 2.5W 	204,00	
Module	Digital I/O			
I-87040		<ul style="list-style-type: none"> Digital input channels: 32 Isolation Voltage: 3750V rms Input Voltage: <ul style="list-style-type: none"> Logic level 1: +3.5V ~ 30V Logic level 0: +1V max Response time: 100 Hz Max. Power Consumption: 1W 	152,00	

Typ	Bild	Beschreibung	EP in €	Preis in €
I-87041		<ul style="list-style-type: none"> Digital output channels: 32 Open-collector Output: 100 mA/channel Load Voltage: 5Vdc to 30Vdc Isolation Voltage: 3750Vrms Power Consumption: 1W 	143,00	
I-87051		<ul style="list-style-type: none"> Channels: 16 (Sink/Source) Non-isolation Digital Input level: Logic level 0: +1 V max. Logic level 1: +3.5 V ~ 30 V Dry contact: Logical level 0: close to GND Logical level 1: open Wet contact: Logical level 0: +2V Max. Logical level 1: +4V to +30V Effective distance for dry contact: 500m Max. LED indicator for each channel of digital input 7000 command compatible support latch command for each digital input support 100Hz counter for each digital input Power consumption: 0.4W 	80,00	
I-87052		<ul style="list-style-type: none"> Channels: 8 (Differential) Differential Isolation Input Digital Input Level Logic level 0: +1V max. Logic level 1: +3.5V ~ 30V Isolation Voltage: 5000Vrms Input resistance: 3KW, 0.5W LED indicator for each channel of digital input 7000 command compatible support latch command for each digital input support 100Hz counter for each digital input Power consumption: 0.3W 	82,00	
I-87053		<ul style="list-style-type: none"> Digital Input Channels: 16 (Sink/Source) Isolation Single-ended Input Digital Input Level Logic level 0: +1V max. Logic level 1: +3.5V ~ 30V Dry contact: Logical level 0: close to GND Logical level 1: open Effective distance for dry contact: 500m Max. Wet contact: Logical level 0: +2V Max. Logical level 1: +4V to +30V Isolation Voltage: 3750Vdc Isolation Voltage: 3750Vdc LED indicator for each channel of digital input 7000 command compatible support latch command for each digital input support 100Hz counter for each digital input Power Consumption: 0.3W 	88,00	

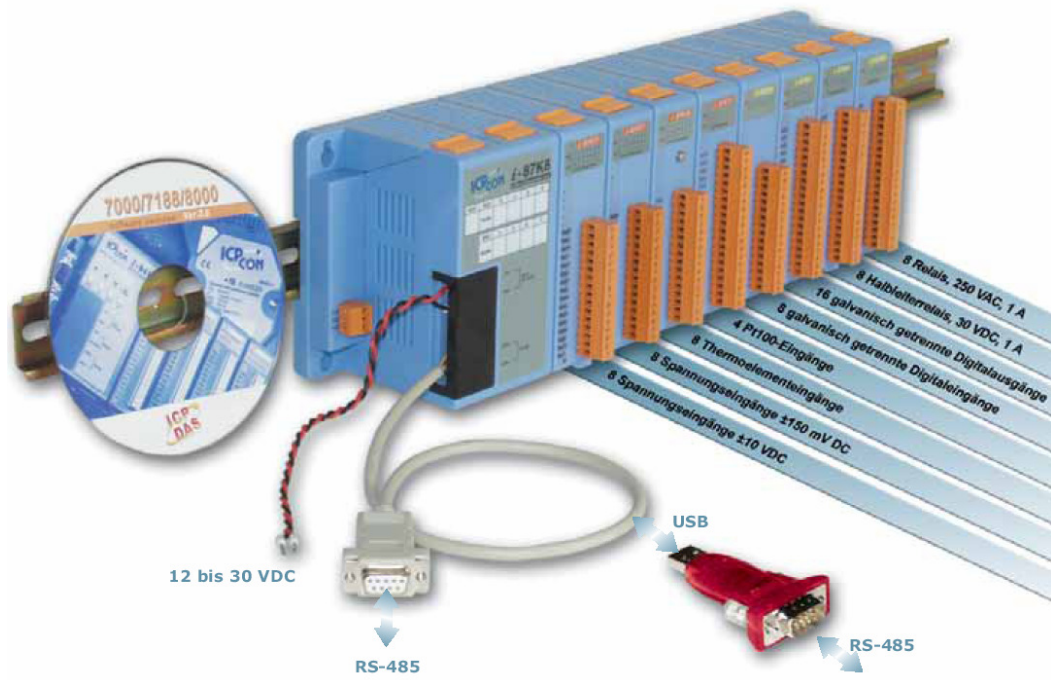
Typ	Bild	Beschreibung	EP in €	Preis in €
I-87054		<ul style="list-style-type: none"> • Digital Input Channels:8(Sink/Source) • Digital Input Level Logic level 0: +1V max. Logic level 1: +3.5V ~ 30V • Digital Output Channels:8 (Sink) • Isolation Voltage: 5000Vrms • Input resistance: 3KW, 0.5W • O. C. Digital output: 375mA, 30V • Isolation Voltage: 3750Vdc • LED indicator for each channel of D/I or D/O • Power Consumption: 0.3W 	88,00	
I-87055		<ul style="list-style-type: none"> • Digital Input Channels:8 • Digital Input Level Logic level 0: +1V max. Logic level 1: +3.5V ~ 30V • Digital Output Channels:8 • O. C. Digital output: 125mA, 30V • LED indicator for each channel of D/I or D/O • 7000 command compatible • support dual watchdog function • support power-on value for each digital output • support safe value for each digital output • support latch command for each digital input • support 100Hz counter for each digital input • Power Consumption: 0.5W 	88,00	
I-87057		<ul style="list-style-type: none"> • Digital Output Channels:16 • O. C. Digital output: 125mA, 30V • Isolation Voltage: 3750Vdc • LED indicator for each channel of D/I or D/O • Power Consumption: 0.3W 	90,00	
I-87058		<ul style="list-style-type: none"> • Digital Input Channels: 8 • Input type: differential • Input Voltage Logical High: AC 80V min Logical Low: AC 30V max. • Maximum Input voltage: AC/DC 250 V • Operating frequency: 100KHz (Max.) • Isolation Voltage: 5000 Vrms • LED indicator for each channel of D/I • Power Consumption: 0.3W 	80,00	

Typ	Bild	Beschreibung	EP in €	Preis in €
I-87063		<ul style="list-style-type: none"> Digital Input Channels: 4 Differential Input Digital Input Level Logic level 0: +1V max. Logic level 1: +3.5V ~ 30V Isolation Voltage: 3750Vdc Input resistance: 3KW, 0.5W LED indicator for each channel of digital input 7000 command compatible Digital Output Channels:4 Form C * 4 channels Contact Rating AC: 125V @0.6A; 250V @0.3A DC: 30V @2A; 110V@0.6A Breakdown voltage: 500Vac Relay on time: 3 ms Relay off time: 1 ms Total switch time: 10ms Insulation resistance: 1000MΩ min. at 500Vdc Power Consumption: 0.8W 	92,00	
I-87064		<ul style="list-style-type: none"> Digital Output Channels:8 Form A x 8 channels Contact Rating AC: 250V @5A DC:30V @ 5A Insulation resistance: 1000MW min at 500Vdc LED indicator for each digital output 7000 command compatible support dual watchdog function support power-up value for each digital output support safe value for each digital output Power Consumption:2.4W 	96,00	
I-87065		<ul style="list-style-type: none"> Digital Output Channels:8 Form A x 8 channels Contact Rating AC: 24 to 265Vrms @1.0Arms Max. load current: 1.0 Arms Min. load current: 10 mArms Max. off-state leakage current: 0.75mA (at 100 Vrms 60Hz), 1.5mA (at 200 Vrms 60 Hz) 1 cycle surge current: 50A (60Hz) Max. on-state voltage drop: 1.2Vrms Max. operate time: 1 ms Max. release time: 1/2 cycle + 1 ms Insulation resistance: Min. 1,000M Ohm, at 500Vdc Life: long life, maintenance free LED indicator for each digital output 7000 command compatible support dual watchdog function support power-up value for each digital output support power-up value for each digital output Power Consumption:1W 	220,00	

Typ	Bild	Beschreibung	EP in €	Preis in €
I-87082		<ul style="list-style-type: none"> Channels: 2 independent 32-bit counters Input frequency: 100K H z max. Input mode: Isolated or non-isolated Isolation input levels: Logic level 0: +1V max. Logic level 1: +3.5 to 30V Isolation voltage: 3750Vrms Non-Isolation input level: Programmable threshold voltage Logic level 0: 0 to +5V (Default 0.8V) Logic level 1: 0 to +5V (Default 2.4V) Maximum count: 32-bit Programmable digital noise filter: 2 us to 65 ms Alarming mode selectable: Programmable digital noise filter: 2 us to 65 ms Alarming mode selectable: 1. Two step high alarm comparator on counter 1 2. High alarm comparator on counter 0 and counter 1 Display : 1 LED as Power/Communication indicator 8 LEDs as status indicators Frequency Measurement Range: 1Hz to 100 K Hz Programmable built-in gate time: 1.0/0.1sec Digital Output: Output Channel: 2 Open Collector Sink Current: 30mA maximum Power Dissipation: 300mW maximum Power consumption : 1 W 	148,00	
Module	RS485/RS232 Konverter			
I-7520		<ul style="list-style-type: none"> RS-232 auf RS-485 Wandler, isoliert - galv. Trennung bis 3.000 VDC, autom. Erkennung der Kommunikationsparameter, autom. Datenflusskontrolle, - Spannungs-Versorgung: 10-30 VDC; 2,2 W 	72,00	

Preise netto zzgl. Mwst ab Stadtoldendorf

Beispiel einer I-8000 Systemkonfiguration mit RS-485 Schnittstelle



Einbauversion im Tischgehäuse

