

JUMO LOGOSCREEN 700 – Highly-Scalable Paperless Recorder (706530)



- Intuitive touch operation
- Up to 18 analog inputs
- Up to 3 analog outputs
- Up to 10 customer-specific process screens
- PROFINET IO-Device interface (extra code)
- Integrated web server for online visualization same as on device
- Recording of up to 5 batch reports
- Limit value monitoring function (120 channels)
- Flow measurement (up to 8 channels)
- Up to 8 counter inputs (max. 12.5 kHz)
- User-specific application using structured text (ST code; extra code)

Order details

| | |
|---------------------------------|---|
| (1) Basic type | |
| 706530 | Paperless recorder with the following interfaces: 1x Ethernet, 2x USB (1x host, 1x device), 1x RS232/485 interface, as well as a relay (changeover contact) |
| (2) Basic type extension | |
| 0 | Without software package |
| 1 | With software package (setup program incl. USB cable, PC Evaluation Software PCA3000, PCA Communication Software PCC; in conjunction with extra code 888 as well with PC Security Manager PCS and PC Audit Trail Manager PCAT software) |
| (3) Language / setup | |
| 8 | With factory settings |
| 9 | With customer settings |
| (4) Option 1 | |
| 0 | Not used |
| 1 | Analog/digital: 3 analog and 6 digital inputs, 1 analog output |
| 2 | Analog(HI)/digital: 3 analog (HI) and 4 digital inputs, 4 digital inputs/outputs |
| 3 | Analog: 6 analog inputs |
| (5) Option 2 | |
| 0 | Not used |
| 1 | Analog/digital: 3 analog and 6 digital inputs, 1 analog output |
| 2 | Analog(HI)/digital: 3 analog (HI) and 4 digital inputs, 4 digital inputs/outputs (individually switchable) |
| 3 | Analog: 6 analog inputs |
| (6) Option 3 | |
| 0 | Not used |
| 1 | Analog/digital: 3 analog and 6 digital inputs, 1 analog output |
| 2 | Analog(HI)/digital: 3 analog (HI) and 4 digital inputs, 4 digital inputs/outputs (individually switchable) |
| 3 | Analog: 6 analog inputs |
| (7) Option 4 | |
| 0 | Not used |
| 4 | Digital: 12 digital inputs/outputs (individually switchable) |
| 5 | Relay: 6 relay outputs (changeover contact) |
| (8) Voltage supply | |
| 23 | AC 110 to 240 V +10/-15 %,48 to 63 Hz |
| 25 | AC/DC 20..30V,48..63Hz |
| (9) Extra codes | |
| 000 | Not used |
| 260 | Math and logic module (20 channels each) |
| 221 | Structured text |
| 887 | Manipulation detection with digital certificate |
| 888 | FDA 21 CFR Part 11 with digital certificate |
| 163 | PROFINET IO device interface (incl. Ethernet) |
| 879 | AMS2750/CQI-9 |
| 949 | TUS/SAT field test device |
| 970 | Universal carrying case Compact (UL is not possible) |
| 971 | Mounting element for wall mounting (UL is not possible) |

Order code

| | | | | | | | | |
|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) |
| <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |

List type additions one after the other and separate them with commas.

Important information:
Analog inputs (HI)

Analog inputs with increased voltage resistance (AC 300 V).

Extra code 970 (universal compact carrying case)

The extra code is only available with the AC 110 to 240 V power supply. UL approval no longer applies. Use only by technically qualified personnel who are specially trained and have relevant knowledge in the field of automation technology! Observe the information on ambient temperature and protection class (see technical data)!

Extra code 879 (AMS2750/CQI-9)

For the calibration certificate, the channels to be checked must be named, stating the thermocouple type and the desired measuring points. The device is to be used as a permanently installed field device. Use as a mobile field testing device for SAT and TUS exams is not permitted. This extra code is only available in conjunction with customer-specific configuration (language/setup=9).

Extra code 949 (TUS/SAT field test device)

The use of the carrying case (extra code 970) is recommended to prevent temperature fluctuations at the reference points caused by drafts. Only in combination with extra code 221 and 879.

Clamps in accessories

The TC terminals with integrated reference junction are used to connect thermocouples for highly accurate temperature measurement (can be used from version 323.04.05 of the device software).

The 3- and 8-pole terminals with a small design serve as replacements for the factory-installed terminals at slot 4. They are needed to increase the distance to the terminals at slot 3 so that the TC terminals can be used there.

Accessories

| Description | Part no. |
|---|----------|
| EBG 706521/30 Analog/Digital: 3AI,6DI,1A | 00717130 |
| EBG 706530 Analog(HI)/Digital: 3AI(HI),4 | 00717131 |
| EBG 706530 Analog: 6AI | 00717168 |
| EBG 706521/30 Digital: 12DI/DO | 00717169 |
| EBG 706530 Relais: 6RO (change over) | 00717171 |
| 3 TC terminals (2-pole) with integrated | 30053080 |
| Set Terminals 3pin small type | 30053606 |
| Set Terminals 8pin small type | 30053605 |
| TUS-/SAT- report template | 30054281 |
| TP-LINK TL-WR802N (Wi-Fi router) | 00658592 |
| RJ45 patch cable S/FTP, cat. 6A, 5 m lon | 00665966 |
| relay AC230V/3A with cover plate f. DIN- | 00515872 |
| barcode scanner Gryphon D4290 black | 00407798 |
| Sealable terminal cover | 00712239 |
| USB cable, A connector to Micro-B connec length 3 m | 00616250 |
| USB stick 2.0 (2 GB) | 00505592 |
| Activation for math and logic module (setup program required) | 00716354 |
| Activation for structured text (ST-code; setup program required) | 00716357 |
| License automatic print PCA3000 | 00505548 |
| Subsequent activatable extra code 887 | 00690473 |
| IQ/OQ-Dokumentation 706521/30 DE-EN | 00723341 |

Software

| Description | Part no. |
|---|----------|
| PCC JUMO Communication-SW 709702 | 00431879 |
| PCA3000 JUMO Evaluation-SW 709701 | 00431882 |
| PCA3000/PCC JUMO SW-package 709701/02 | 00431884 |
| Setup JUMO LOGOSCREEN 6XX/7XX | 00645110 |
| JUMO Device App for Android | 00656256 |
| USB SW-Paket JUMO 70652X/70653X | 00724761 |
| USB SW-Paket JUMO 70652X/70653X FDA 21CF CD-ROM 955099 955010 | 00724767 |
| JUMO LOGOSCREEN 6XX/7XX PROFINET GSDML | 00729393 |