

JUMO variTRON 300 – Central Processing Unit for Automation System with Optional Wireless Interface (705003)

- Process mapping for all connected input/output modules (including controller modules)
- USB host interface
- OPC UA server (in conjunction with PLC)
- Field bus interface (RS485; Modbus RTU in conjunction with PLC)
- PROFINET IO controller (in conjunction with PLC)
- Battery-buffered SRAM (synchronization of retain data in CODESYS application)
- Battery-buffered real-time clock
- Data evaluation with JUMO smartWARE Evaluation (as of system version 6)



Order details

(1) Basic type	
705003	Central processing unit type 705003, 2× Ethernet, 1× USB host, RS485, program generator, Node-RED, math and logic, PROFINET IO-Controller, Modbus RTU/TCP Master/Slave, OPC UA Server, EtherCAT Master, BACnet/IP
(2) Basic type extension 1	
0	Single Core CPU
(3) Basic type extension 2	
1	RAM 512 MB
(4) Basic type extension 3	
1	eMMC 2 GB
(5) Basic type extension 4	
0	Without software control loops
(6) Version	
8	Standard with default settings
(7) Wireless interface	
00	Not used
10	Wtrans 868,4 MHz (Europa)
20	Wtrans 915 MHz (USA, Australia, Canada and New Zealand)
(8) Voltage supply	
36	DC 24 V +25/-20 %
(9) Extra codes	
000	Without extra code
062	With DNV GL approval
224	PLC according to IEC 61131-3 (CODESYS V3.5)
280	Remote TargetVisu
281	WebVisu

Order code

(1) (2) (3) (4) (5) (6) (7) (8) (9)

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Stock versions

Order code	Part no.
705003/0110-8-00-36/224,281,	00746454
705003/0110-8-10-36/224,281,	00746455
705003/0110-8-20-36/224,281,	00746456

Accessories

Description	Part no.
SPS according to IEC 61131-3 (CODESYS V3	00724988
Remote TargetVisu	00724990
WebVisu	00724991
TargetVisu	30049496
USB Ethernet converter	30047695
RJ45 patch cable SF/UTP, length 0,3 m	00747472
RJ45 patch cable S/FTP, cat. 6A, 1.5 m l	00666324
RJ45 patch cable S/FTP, cat. 6A, 3 m lon	00666326
RJ45 patch cable S/FTP, cat. 6A, 5 m lon	00665966
RJ45 patch cable S/FTP, cat. 6A, 10 m lo	00666327
Antenna cable 1m, impedance 50ohms	00710813
Antenna cable 3m, impedance 50ohms	00482646
KCND cable SMA-connector 5m	00490066
Antenna cable 5m, impedance 50ohms 125°	00660378
KCND cable Antenna cable, 10m long, impedance 50 ohm with threaded connector	00490068
Antenna cable 10m, impedance 50ohms 125°	00511870
Lambda/4-Antenne, Impedanz 50 Ohm Tmax. 125 °C	00757039
Wall holder with counterweight for lambd	00482648
Amplifier ZX60-0916LN packaged EBD BATTERY ETS	00715285
Einsteigerkit variTRON 300	00764277

Accessories see price sheet:

- Multichannel Controller Module (705010)
- Relay Module 4-Channel (705015)
- Analog Input Module 4-Channel (705020)
- Analog Input Module 8-Channel (705021)
- JUMO mTRON T - Analog Output Module Four-Channel (705025)
- Digital Input or Output Module 12-Channel (705030)
- Digital Input and Output Module 32-channel (705031)
- JUMO mTRON T − Router Module (705040)
- JUMO mTRON T – Multifunction Panel 840 (705060)
- Operating Panels – for JUMO mTRON T Measuring, Control, and Automation system (705065)
- Power Supply Units – Module for Automation System (705090)

Software

Description	Part no.
digilLine-driver (CODESYS V3.5 from SP10)	00706040
JUMO smartWARE Setup variTRON	00734573
CD-Version CODESYS V3.5 SP16 Patch 3	00751231
JUMO variTRON 300 Visu-Template	00764281
Firmware JUMO variTRON 300 Systemvers. 6	00764847
Firmware JUMO variTRON 300 Systemvers. 7	00764893
Firmware JUMO variTRON 300 Systemvers. 8	00764896
JUMO Visu-Templ.-Einsteiger kit 705003	00765979
CD-Version CODESYS V3.5 SP 17 Patch 3	00768923
CODESYS Installer	30062362
JUMO Modbus Devices	30062846
Firmware JUMO variTRON 300 Systemvers. 9	30072950