JUMO AQUIS touch P – Modular Multichannel Measuring Device for Liquid Analysis with Integrated Controller and Paperless Recorder (202580)



- Up to 2 analysis inputs in any combination for direct connection of sensors for liquid analysis
- Up to 21 further measuring signals can be connected either directly or via interface
- Interfaces: USB host, USB device, Modbus, PROFIBUS DP, Ethernet, and PROFINET IO device (2 × RJ45)
- Ethernet function: web server, alarm alerts by email, setup per PC, and readout of recorded measurement data
- Vibrant TFT color graphics screen with 3.5" diagonal screen sizes, 320 × 240 pixels, and 256 colors
- Intuitive operation via touchscreen
- Built-in device for panel mounting (protection type IP66, at the front)

Order details

	(1)	**Basic type**
202580		AQUIS touch P (several inputs and outputs already available, see data sheet)
	(2)	**Version**
8		Standard with default settings
9		Customer-specific configuration (specification in plain text)
	(3)	**Language**
01		German
02		English
03		French
	(4)	**Analysis input 1**
0		Not to be used
1		pH / Redox / NH3
2		CR conductive conductivity (2- / 4-pole)
3		Ci inductive conductivity
	(5)	**Analysis input 2**
0		Not to be used
1		pH / Redox / NH3
2		CR conductive conductivity (2- / 4-pole)
3		Ci inductive conductivity
	(6)	**Input / output 1**
00		Not to be used
10		Universal input
11		Relay (changeover)
12		2 relays (make contacts)
13		Solid-state relay 230 V, 1 A
14		Logic output 0/22 V
15		2 logic outputs 0/12 V
16		Analog output
17		2 PhotoMOS-relays
	(7)	**Input / output 2**
00		Not to be used
10		Universal input
11		Relay (changeover)
12		2 relays (make contacts)
13		Solid-state relay 230 V, 1 A
14		Logic output 0/22 V
15		2 logic outputs 0/12 V
16		Analog output
17		2 PhotoMOS-relays
19		Power supply output DC +/-5V,24V
	(8)	**Input / output 3**

00	Not to be used
11	Relay (changeover)
12	2 relays (make contacts)
13	Solid-state relay 230 V, 1 A
14	Logic output 0/22 V
15	2 logic outputs 0/12 V
16	Analog output
17	2 PhotoMOS-relays
18	3 binary inputs
(9)	**Input / output 4**
00	Not to be used
11	Relay (changeover)
12	2 relays (make contacts)
13	Solid-state relay 230 V, 1 A
14	Logic output 0/22 V
15	2 logic outputs 0/12 V
16	Analog output
17	2 PhotoMOS-relays
18	3 binary inputs
(10)	**Voltage supply**
23	AC 110 to 240 V +10/-15 %,48 to 63 Hz
39	AC/DC 24V +30/-25%,48..63Hz
(11)	**Interface Com2**
00	Not used
08	Ethernet
54	RS422/485 Modbus RTU
63	PROFINET-IO-Device (2 × RJ45)
64	PROFIBUS DP (slave)
(12)	**DNV GL approved**
000	Without approval
062	With DNV GL approval
(13)	**Extra codes**
000	Without extra code
213	Recording function
214	Math and logic module
962	JUMO digiLine protocol activated

Order code

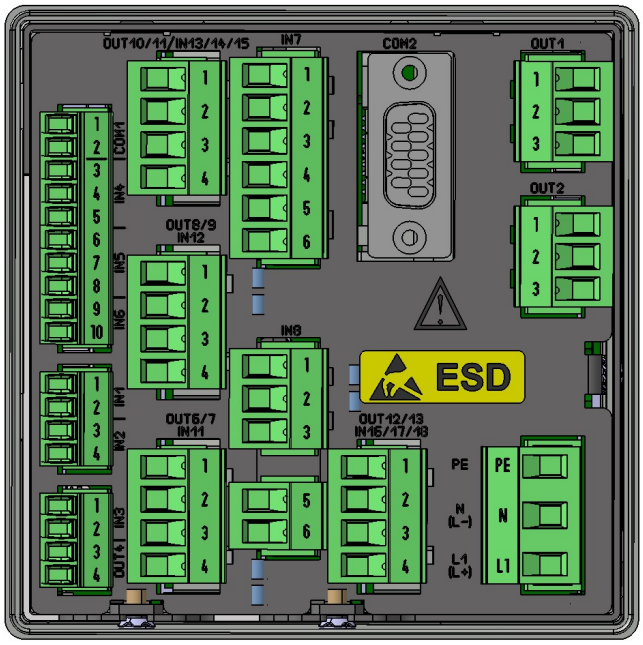
(1) (2) (3) (4) (5) (6) (7) (8) (9) (10) (11) (12) (13)

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List extra codes in sequence, separated by commas.

Overview: order code and rear panel description

Order code	Rear panel description
Analysis input 1 (4)	IN7
Analysis input 2 (5)	IN8
Input/output 1 (6)	OUT 6/7, IN11
Input/output 2 (7)	OUT 8/9, IN12
Output 3 (8)	OUT 10/11, IN13/14/15
Output 4 (9)	OUT 12/13, IN16/17/18



Stock versions

Order code	Part no.
202580/8-01-0-0-00-00-00-00-23-00/213,214,962,	00637230

Accessories

Description	Part no.
20258x/1 (Analyseneingang pH/Rd/NH3)(PG2	00584264
20258x/2 (Analyseneingang CR)(PG209796)	00584263
202580/3 (Analyseneingang Ci)(PG209796)	00649258
Universal Input Module 703571(20258x)	00775887
Replacement 775887 703571(20258x)/10	00581159
Relay Module Dicon Touch 703571(20258x)	00581160
2x Relays Output Module Dicon Touch 7035	00581162
Solid-State Relay Module Dicon Touch 703	00581164
703571(20258x)/14 (Logic Output 0/22 V)	00581165
2x Logic Output Module Dicon Touch 70357	00581168
Analog Output Module Dicon Touch 703571(	00581169
703571/20258x /17 (2 PhotoMOS relays)	00581171
20258x/18 (3 Binäreingänge)(PG209796)	00592962
20258x/19 (Versorgungsspannungsausg. DC (PG209796)	00592963
Ethernet Board Dicon Touch 703571(20258x	00581174
RS422/485 Modbus Board Dicon Touch 70357	00581172
PROFINET Board Dicon Touch 703571(20258x	00694792
Interface PROFIBUS-DP 703571(20258x)	00581173
703571(20258x)/213 (Recording function)	00581176
703571(20258X)/214 (Mathe/Logic F1-F8)	00581177
USB cable, A-connector to Mini-B connect length 3 m	00506252
USB stick 2.0 (2 GB)	00505592
Stainl. steel housing cutout 96 x 96 mm	00628452
License automatic print PCA3000	00505548
Assembled cylindrical conductorer with M Anschluss bei Verwendung des Edelstahlgehäuses (PG209791)	00628468
preconfiguration (Service)	00427968
deployment of service	00427970
Wartung Analysenmesstechnik	00758365

Software

Description	Part no.
PCA3000/PCC JUMO SW-package 709701/02	00431884
GSD-Generator JUMO 144.01.xx/1.xx (download free of charge on our website)	00432892
Setup AQUIS touch S/P JUMO; (PG202599	00594355
JUMO Device App for Android	00656256
JUMO AQUIS touch Profinet Beschreibungsd	00681850
USB driver package for JUMO devices	30082244