

JUMO flowTRANS US W02 – Ultrasonic Flowmeter (406051)

- High degree of process reliability through precise measurement
- Flexible use in different processes
- Cost reduction by simultaneous measurement of up to 3 measurands (flow, temperature, and pressure)
- Reduced maintenance costs due to wear-free structure without moving parts
- Time and cost savings during configuration as well as integration in plants and sensor networks through IO-Link



Order details

(1) Basic type	
406051	JUMO flowTRANS US W02
(2) Basic type extension	
000	None
(3) Nominal width	
0015	DN 15 (1/2 in.)
0020	DN 20 (3/4 in.)
0025	DN 25 (1 in.)
0032	DN 32 (1 1/4 in.)
(4) Material measuring tube	
121	PPSU
(5) Process connection	
32	External thread ISO 228
(6) Material seals measuring tube	
57	FKM
58	EPDM
(7) Calibration	
01	Standard
02	Low flow
(8) Material housing	
85	Plastic
(9) Display/Operation	
01	Display and Bluetooth
(10) Signal inputs and outputs	
10	digiLine (RS485 Modbus)
11	IO-Link (2 configurable: IO-Link/digital output/analog output + digital/ analog output/digital input; default: IO-Link/digital output)
(11) Additional sensor	
000	without
472	Pressure sensor -1 to 10 bar rel.
434	Pressure sensor -1 to 16 bar rel.

Order code

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

Description	Part no.
Mounting set PVC DN 10 with PP-Nut	00750869
Mounting set PVC DN 15 with PP-Nut	00750871
Mounting set PVC DN 20 with PP-Nut	00750872
Mounting set PVC DN 25 with PP-Nut	00750874
Mounting set PVC DN 32 with PP-Nut	00750876
Mounting set PP socket-welding DN 15	00750888
Mounting set PP socket-welding DN 20	00750890
Mounting set PP socket-welding DN 25	00750927
Mounting set PP socket-welding DN 32	00750926
Mounting set PP butt-welding DN 15	00750878
Mounting set PP butt-welding DN 20	00750881
Mounting set PP butt-welding DN 25	00750884
Mounting set PP butt-welding DN 32	00750887
Mounting set stainless steel DN 10 with PP-Nut	00750924
Mounting set stainless steel DN 15 with PP-Nut	00750923
Mounting set stainless steel DN 20 with PP-Nut	00750920
Mounting set stainless steel DN 25 with PP-Nut	00750919
Mounting set stainless steel DN 32 with PP-Nut	00750918
JUMO smartCONNECT (App)	00770436
IO-Link Master 4 Kanal - TURCK TBEN-S2-4	00759867
IO Link Master 8 channel	00759875
USB IO-Link Master 1 Channel (use with Windows-PC), incl. Mini-USB-Cable	00694070
Line socket 4-pole, M12×1, straight, 2 m	00404585
Line socket 4-pole, M12 × 1, angled, 2 m	00409334
Connection cable M8/voltage 2 m IO Link Master 4 channel	00767913
Connection cable M12/voltage 2 m IO Link Master 8 channel	00767914
Connection cable M8/Ethernet 2m IO Link Master 4 channel	00767923
Connection cable M12/Ethernet 2m IO Link Master 8 channel	00767927
Connection cable M12 5-pole 2 m	00777804
M12 digiLine master connecting cable For 705001, 5-pole, A-coded, 10 m long	00665547
M12 digiLine master connecting cable For 705001, 5-pole, A-coded, 5 m long	00665539
M12 digiLine master connecting cable For 705001, 5-pole, A-coded, 1.5 m long	00665529
Connecting cable digiLine to AQUIS touch	00638341
Connecting cable digiLine to AQUIS touch	00638337
Connecting cable digiLine to AQUIS touch	00638333
JUMO M12-Connecting cabel 5-pol 15 m (PG	00638324
JUMO M12-Connecting cabel 5-pol 10 m (PG	00638322
JUMO M12-Connecting cabel 5-pol 5 m (PG	00638315
JUMO M12-Connecting cabel 5-pol 1,5 m (P	00638313
JUMO M12-Connecting cabel 5-pol 0,5 m (P	00638312
JUMO Y-Splitter 5pol (PG203590)	00638327
USB-RS485 converter, DC coupling, M12	00746250
Retractable conn. pow. supply unit 24V/1	00743955
JUMO digiLine hub (PG203590)	00646871
JUMO-Power Supply for digiLine hub (PG20	00661597

Software

Description	Part no.
JUMO DSM for JUMO digiLine incl. data ma	00663703
JUMO DSM Software for JUMO digiLine sens	00655787
JUMO flowTRANS US W02 IO-Link IODD V1.01	00777987
JUMO flowTRANS US W02 IO-Link IODD V1.1	00777988