

JUMO dTRANS p20 [Ex d] – Process Pressure Transmitter with Flameproof Enclosure (403026)

- HART® interface
- [Ex d] explosion protection according to ATEX, GOST-R
- Linearity: 0.05 %
- Turn down: 1:50
- Simple operation with rotary knob



Order details

(1) Basic type	
403026	JUMO dTRANS p20 Ex d
(2) Basic type extension	
0	No
2	SIL
(3) Display	
1	With display (LCD)
(4) Operation	
1	With operating knob
(5) Input	
450	-600 to 600 mbar relative pressure
473	-1 to 2.5 bar relative pressure
513	-1 to 4 bar relative pressure
472	-1 to 10 bar relative pressure
514	-1 to 25 bar relative pressure
515	-1 to 100 bar relative pressure
508	-1 to 250 bar relative pressure
516	-1 to 600 bar relative pressure
487	0 to 0.6 mbar absolute pressure
490	0 to 2.5 bar absolute pressure
491	0 to 4 bar absolute pressure
493	0 to 10 bar absolute pressure
495	0 to 25 bar absolute pressure
507	0 to 100 bar absolute pressure
(6) Output	
410	4 to 20 mA 2-wire with HART protocol
(7) Process connection	
504	G 1/2 DIN EN 837
512	1/2-14NPT DIN EN 837
564	1/2-14NPT female
571	G 3/4 front flush DIN EN ISO 228-1
583	M20 x 1,5 with tap
604	Taper socket with union nut DN 25 DIN 11851 (dairy compression fitting)
606	Taper socket with union nut DN 40 DIN 11851 (dairy compression fitting)
613	Clamping socket (clamp) DN 25/32/40 DIN 32676 (1 1/2" ISO 2852)
616	Clamping socket (Clamp) DN 50 DIN 32676 (2" ISO 2852)
998	Diaphragm seal, version with screw connection
(8) Process connection material	
20	CrNi (stainless steel)
82	NiMo
(9) Filling medium measuring syst.	
00	Without filling medium
01	Silicone oil
(10) Extra codes	
000	Without
085	UKEX
100	Customer-specific configuration (specifications in plain text)

452	Wetted, electrolytically polished parts
591	Throttle in pressure duct
624	Free from oil and grease
630	Enlarged pressure duct
634	With TAG-number
635	Manufacturer`s declaration NACE
681	Extended allowed ambient temperature

Order code

(1) (2) (3) (4) (5) (6) (7) (8) (9) (10)
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Order details – further information
Basic type extension 2 and 3

SIL is only available with 4 to 20 mA HART® protocol (410) and extra code HART® version 5 (932). Not available for measuring range -10 to 10 mbar DP (530). Not available with extra code 681 (expanded admissible ambient temperature available). SIL devices are always delivered with display (1).

Inputs 507, 515

These inputs are not available with the process connections 604, 606, 613, 616.

Input 516

This input is not available with process connections 571, 604, 606, 613, 616, 997.

Extra code 100

Please specify the setting you want in plain text. For factory setting see “Accuracy” section in data sheet.

Extra code 635

Only with material process connection 82 (NiMo) and with process connection 512 or 564.

Extra code 226

Upon request.


Accessories

Description	Part no.
PC interface with converter USB/TTL	00456352
HART Communication Modem	00443447
Mounting bracket for 2" pipe and wall	00597711
Calibration of the mechanical measurand, pressure on site (also DAKKS)	00758363

Accessories see price sheet:

- Manifolds (Type 409706)
- JUMO PEKA – Hygienic Process Connection (409711)
- Diaphragm Seal with Dairy Pipe Fitting DIN 11851 (409772)
- Pressure Separator with Clamp Connection (409774)
- Pressure Separator with DRD Flange or VARIVENT Socket (Type 409776)
- Pressure Separator with ISS/SMS/RJT Socket and (Grooved) Union Nut (409778)
- Diaphragm Seal with Membrane 4MDV-10 (409780)
- Pressure Separator with Screw-In Thread DIN ISO 228/1 or ANSI B 1.201 (409782)
- Pressure Separator with Flange Connection DIN EN 1092-1 with Sealing Strip Form B1 (409784)
- Pressure Separator with Flange Connection According to ANSI B 16.5 with Sealing Strip Form RF (409786)

Software

Description	Part no.
JUMO Setup dTRANS p20 series	00537577
SW Device Type Manager (DTM) 403025	00738288