

## JUMO CEROS S01 M – Digital Pressure Measuring Cell (405101)

- Module for the production of pressure transmitters or level probes
- Prealigned and temperature-compensated
- Zero point correction possible (e.g. after installation)
- Pressure and temperature values as a digital signal
- Direct mounting on circuit board possible (without additional connector)
- Customer-specific configuration options (signal limitation, limit values)
- Traceability of the sensor with a clear digital signature



### Order details

<b>(1) Basic type</b>	
405101	JUMO CEROS S01 M
<b>(2) Basic type extension</b>	
000	None
<b>(3) Input</b>	
414	0 to 100 mbar relative pressure
415	0 to 160 mbar relative pressure
417	0 to 250 mbar relative pressure
424	0 to 400 mbar relative pressure
419	0 to 600 mbar relative pressure
447	-400 to 400 mbar relative pressure
450	-600 to 600 mbar relative pressure
478	-1 to 0 bar relative pressure
479	-1 to 0.6 bar relative pressure
449	-1 to 1 bar relative pressure
480	-1 to 1.5 bar relative pressure
481	-1 to 3 bar relative pressure
482	-1 to 5 bar relative pressure
483	-1 to 9 bar relative pressure
484	-1 to 15 bar relative pressure
485	-1 to 24 bar relative pressure
454	0 to 1 bar relative pressure
455	0 to 1.6 bar relative pressure
456	0 to 2.5 bar relative pressure
457	0 to 4 bar relative pressure
458	0 to 6 bar relative pressure
459	0 to 10 bar relative pressure
460	0 to 16 bar relative pressure
461	0 to 25 bar relative pressure
462	0 to 40 bar relative pressure
463	0 to 60 bar relative pressure
464	0 to 100 bar relative pressure
488	0 to 1 bar absolute pressure
489	0 to 1.6 bar absolute pressure
490	0 to 2.5 bar absolute pressure
491	0 to 4 bar absolute pressure
492	0 to 6 bar absolute pressure
493	0 to 10 bar absolute pressure
494	0 to 16 bar absolute pressure
495	0 to 25 bar absolute pressure
505	0 to 40 bar absolute pressure
506	0 to 60 bar absolute pressure
507	0 to 100 bar absolute pressure
<b>(4) Measuring cell</b>	
210	Measuring cell for welding
211	Measuring cell with O ring, EPDM
212	Measuring cell with O ring, FPM

213	Measuring cell with O ring, VMQ
<b>(5) Process connection</b>	
000	Without process connection
502	G 1/4 DIN EN 837
504	G 1/2 DIN EN 837
511	1/4-18NPT DIN EN 837
521	G 1/4 DIN 3852-11
<b>(6) Output</b>	
412	0.5 to 4.5 V 3-wire
525	I°C, 4-wire, 5 V supply
<b>(7) Electrical connection</b>	
05	Pin
24	Stranded wires
39	JST connector
<b>(8) Extra codes</b>	
000	Without extra code
374	Inspection certificate 3.1 material DIN EN 10204
624	Free from oil and grease
982	Surface roughness of parts in contact with media Ra <0,8 µm
983	Test report

**Order code**

(1) (2) (3) (4) (5) (6) (7) (8)  
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**Accessories**

Description	Part no.
PC-Interface+Converter USB/I2C 5V TO39	00695325

**Software**

Description	Part no.
Setup JUMO CEROS S01 M (405101)	00698970