

JUMO MAERA F27 - Level Probe (404391)

- Level probe for continuous level measurement in liquids
- Measuring ranges: 50 mbar to 1.6 bar (0.5 to 16 mWS)
- Medium temperature -20 to +60 °C
- Accuracy: 0.2 % MSP (linearity)



Order details

(1) Basic type	
404391/000	JUMO MAERA F27 with ceramic cell
404391/007	JUMO MAERA F27 with integrated temperature probe PT100
404391/022	JUMO MAERA F27 housing in plastic PTFE
(2) Input	
412	0 to 50 mbar relative pressure
414	0 to 100 mbar relative pressure
415	0 to 160 mbar relative pressure
451	0 to 0.25 bar relative pressure
452	0 to 0,4 bar relative pressure
453	0 to 0.6 bar relative pressure
454	0 to 1 bar relative pressure
455	0 to 1.6 bar relative pressure
999	Special measuring range relative pressure
(3) Output	
405	4 to 20 mA 2-wire
412	0.5 to 4.5 V 3-wire
(4) Process connection	
568	G 1 female
658	Connection closed at bottom
659	Connection open at bottom
(5) Electrical connection	
14	PUR-cable
15	PE-LD cable
25	Cable shielded fixed FEP black
(6) Cable length	
005	5 m
010	10 m
020	20 m
030	30 m
040	40 m
050	50 m
060	60 m
070	70 m
080	80 m
090	90 m
999	Special length
(7) Extra codes	
000	Without extra code
593	Fitting with cutting rings (preparation for protection tube)
917	With EPDM sealing

Order code

(1)	(2)	(3)	(4)	(5)	(6)	(7)
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Order details – further information

Basic type 404391/007

The basic type 404391/007 (with integrated temperature sensor Pt100) cannot be delivered with basic type 404391/022 (case made out of plastic PTFE). Only output 405 (4 to 20 mA) is available.

Basic type 404391/022

The basic type 404391/022 (case made out of plastic PTFE) is only available with process connection 568 (G 1" inner thread).

Process connection 568

The process connection 568 (G1" inner thread) is only available for basic type 404391/022 (case made out of plastic PTFE)

Extra code 593

The extra code 593 (cutting ring fitting) is only possible in connection with basic types 404391/000 (level probe with ceramic measuring cell) or 404391/007 (with integrated temperature sensor Pt100) and output 405 (4 to 20 mA).

Integrated overvoltage protection

The integrated overvoltage protection is only available with the basic types 404391/000 (level probe with ceramic measuring cell) or 404391/007 (with integrated temperature sensor Pt100) and output 405 (4 to 20 mA).

Additional information

Further information about our level probes from the JUMO MAERA series can be found in the brochure "Level Probes - Hydrostatic Level and Filling Level Measurement" in the Download category of the selected product group.



Accessories

Description	Part no.
Terminal box with pressure compensation	00061206
Sealing screw	00333329
Pressure equalization filter for cable	00382632
Cable hanger JUMO Leitungsmarkierer Leitermarkierer Bezeichnungshuelsen	00753260