



ELECTRONIC PLASTOMETER

THE PROVEN SENSOR FOR PLASTICITY MEASUREMENT

For measuring mould pressure and clay temperature on extruders for ceramic products.

The plasticity sensor is a part of the **moisture- and plasticity control system NOVATRONIC** for preparation and shaping in ceramic production lines.



TECHNICAL DATA

Measuring range for pressure:

0... 25 bar / 0... 40 bar or in
Special measuring ranges between 4... 100 bar
Standard output signal: standard 4 - 20 mA
(also available in 0 - 10 V)

Measuring range for temperature:

Mineral-insulated resistance thermometer with Pt 100,
0... 100°C
Standard output signal: standard 4 - 20 mA

Plug:

5-pole, cable assembly, metal version
For first use, order plugs.
(other plug versions on request)

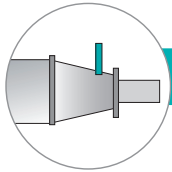
TYPES

- with and without displays according to our overview
- Shank diameter: 40 mm
- Adaptable to all extruder types
- robust, low-wear version



ELECTRONIC PLASTOMETER

OVERVIEW OF AVAILABLE VERSIONS



WITH NO DISPLAY

①

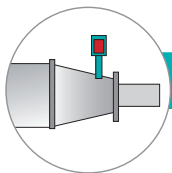


PLASTOMETER
PRESSURE

②



PLASTOMETER
PRESSURE / TEMPERATURE



WITH A DISPLAY ON THE MEASURING INSTRUMENT

③



PLASTOMETER
with one display
PRESSURE

④

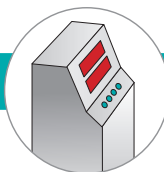
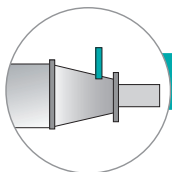


PLASTOMETER
with two displays
PRESSURE / TEMPERATURE

⑤



PLASTOMETER
with a combined display
PRESSURE / TEMPERATURE



WITH AN EXTERNAL DISPLAY

⑥



PLASTOMETER SET
with one external display
PRESSURE

⑦



PLASTOMETER SET
with two external displays
PRESSURE / TEMPERATURE

ITEM NUMBER

TYPE

DESCRIPTION

①	6AELP0401 / 955 2 004	49.011-242	only pressure 0...4 bar
	6AELP0601 / 955 2 006	49.011-242	only pressure 0...6 bar
	6AELP02501 / 955 2 025	49.011-242	only pressure 0...25 bar
	6AELP02500 / 955 2 925	49.011-010	only pressure 0...25 bar (0-10V)
	6AELP04001 / 955 2 040	49.011-242	only pressure 0...40 bar
	6AELP04000 / 955 2 940	49.011-010	only pressure 0...40 bar (0-10V)
	6AELP06001 / 955 2 060	49.011-242	only pressure 0...60 bar
	6AELP08001 / 955 2 080	49.011-242	only pressure 0...80 bar
	6AELP1001 / 955 2 100	49.011-242	only pressure 0...100 bar
②	6AELP0411 / 955 2 104	49.011-242	Pressure/temperature 0...4 bar
	6AELP0611 / 955 2 106	49.011-242	Pressure/temperature 0...6 bar
	6AELP02511 / 955 2 250	49.011-242	Pressure/temperature 0...25 bar
	6AELP02510 / 955 2 950	49.011-010	Pressure/temperature 0...25 bar (0-10V)
	6AELP04011 / 955 2 400	49.011-242	Pressure/temperature 0...40 bar
	6AELP04010 / 955 2 960	49.011-010	Pressure/temperature 0...40 bar (0-10V)
	6AELP06011 / 955 2 600	49.011-242	Pressure/temperature 0...60 bar
	6AELP08011 / 955 2 800	49.011-242	Pressure/temperature 0...80 bar
	6AELP10011 / 955 2 110	49.011-242	Pressure/temperature 0...100 bar
③	6AELP02502 / 955 2 125	49.012-242	Pressure/1 display 0...25 bar
	6AELP04002 / 955 2 140	49.012-242	Pressure/1 display 0...40 bar
④	6AELP02513 / 955 2 525	49.012-242	Pressure/temperature/2 displays 0...25 bar
	6AELP04013 / 955 2 540	49.012-242	Pressure/temperature/2 displays 0...40 bar
⑤	6AELP02514 / 955 2 825	49.012-242	Pressure/temperature/combined display 0...25 bar
	6AELP04014 / 955 2 840	49.012-242	Pressure/temperature/combined display 0...40 bar
⑥	6AELPS102515 / 955 2 625	49.012-242	Pressure/external display/15 m control line 0...25 bar
	6AELPS104015 / 955 2 640	49.012-242	Pressure/external display/15 m control line 0...40 bar
	6AELPS106015 / 955 2 660	49.012-242	Pressure/external display/15 m control line 0...60 bar
⑦	6AELPS302515 / 955 2 725	49.012-242	Pressure/temperature/2 external displays/2x 15 m control line 0...25 bar
	6AELPS304015 / 955 2 740	49.012-242	Pressure/temperature/2 external displays/2x 15 m control line 0...40 bar
	6AELPS306015 / 955 2 760	49.012-242	Pressure/temperature/2 external displays/2x 15 m control line 0...60 bar

Other pressure ranges on request.

Type: 49.011-242 (4-20 mA version with 2 wire connection) . Type: 49.011-010 (0-10 V version)