



## Technical Data

### Porta Digital

<b>Article</b>	<b>Porta Digital</b>
<b>Article number</b>	<b>1020007</b>
Application purpose	Portable temperature measuring device for recording and evaluating up to 64 measuring points of Agromatic 2-wire temperature systems.
Scope of delivery	Agro Porta Digital in transportation case with USB cable
<b>General information</b>	
Operation	- via membrane keyboard with 3 keys - ADV-2 software on PC (only Windows version available)
Housing	Aluminium, powder-coated, black
Dimensions	175 x 86 x 36mm
Weight	390g
<b>Functional data</b>	
Measuring method	2-wire technology
Measurement accuracy	$\pm 0.1^{\circ}\text{C}$
Max. rope length	300m
Max. measuring values	4800 (300 cells à 16 measuring points)
Display	4-line display line 1: date / time / Battery charge status line 2-4: cell no. / measuring point no. / temperature value / error code or alarm indication
<b>Electrical data</b>	
Supply	Lithium Polymer Battery
Voltage	$3.7V_{\text{DC}}$
Measuring voltage	max. $8.9V_{\text{DC}}$ / 0.13A / 0.24W
Battery capacity	1500mA
Charging time	7h
Charging current	ca. 250mA
Display	- LCD-Display, white font on blue background - 4 lines à 16 characters - dot matrix, 8 x 5 dots - with backlight
Interface	USB-Mini 1.1 for charging the internal battery and for data transfer to PC software.
Sensor connection	M8, 4-pole socket
Power OFF	automatically, after approx. 4min
<b>Temperature range</b>	
Process	$-20^{\circ}\text{C}$ to $+50^{\circ}\text{C}$
Storage	$-20^{\circ}\text{C}$ to $+50^{\circ}\text{C}$
<b>Safety relevant data</b>	
IP protection class	IP52, max. 95% air humidity, non-condensing
ATEX certification	Partial certification according to ATEX EN 60079-0 and EN 60079-31 Temperature measuring cable in dust-Ex zone 20