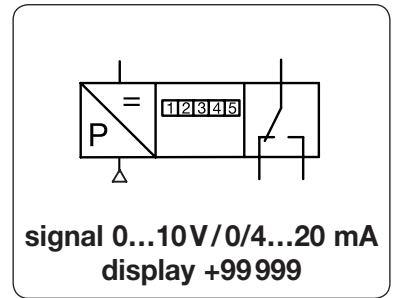


<b>Description</b>	Digital, programmable display for dual range input 0 to 10 V DC or 0/4 to 20 mA with 24 V DC transmitter power. Min./max. value memory, 16-point scale for non-linear processes. Programmable function keys / user inputs. Four setpoint alarm outlets. Analogue outlet, interface and bus capabilities. data entry by keypad, optionally by serial interface RS232 with PC software and cable or by RS485		
<b>Programming</b>	11...36 V DC, max. power consumption 11 W or 85...250 V AC, max. power consumption 15 VA		
<b>Supply voltage</b>	5-pin LCD display 14 mm tall, red numbers, background lighting		
<b>Display</b>	terminal strip for area 0.14...1.5 mm <sup>2</sup>		
<b>Electrical connector</b>	<b>Input signal</b> 0...10 V or 0/4...20 mA		
<b>Analogue output card</b>	<b>Relay output card</b> 2x SPDT 5 A or 4x NOC 3 A, at 24 V DC		
<b>Transistor output card</b>	<b>Sensor supply</b> 24 V DC ± 5%, max. 50 mA		
<b>Measuring rate</b>	<b>Response time</b> 200 ms		
<b>Measurement memory</b>	<b>Unit counter</b> input signal x time		
<b>Display accuracy</b>	<b>Certifications</b> CE-certified, UL-listed		
<b>Response time</b>	<b>Resolution</b> 16 bit A/D converter		
<b>Temperature range</b>	<b>Protection class</b> IP 65 in the front		
<b>Material</b>	The electrical plug-in module can be pulled out rearwards.		



Dimensions			Accuracy	Supply voltage	Input signal	Order number
A	B	C	% FS	V	mA/V	
mm	mm	mm				

Process display				5-digit display, freely scaleable, for external sensor	MPAX
97	50	107	0.12	<b>230 V AC</b>	0/4...20 mA / 0...10 V <b>MPAX-230</b>
97	50	107	0.12	<b>24 V DC</b>	0/4...20 mA / 0...10 V <b>MPAX-24</b>



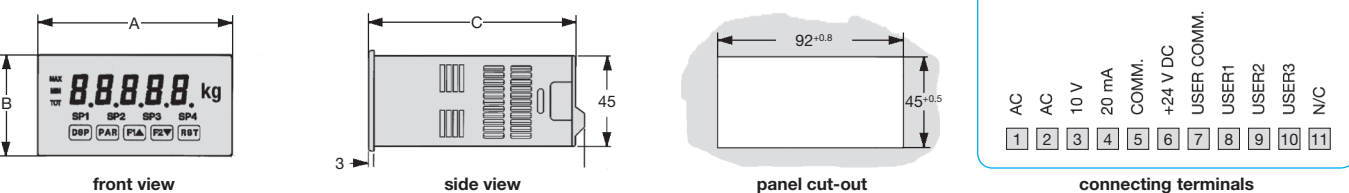
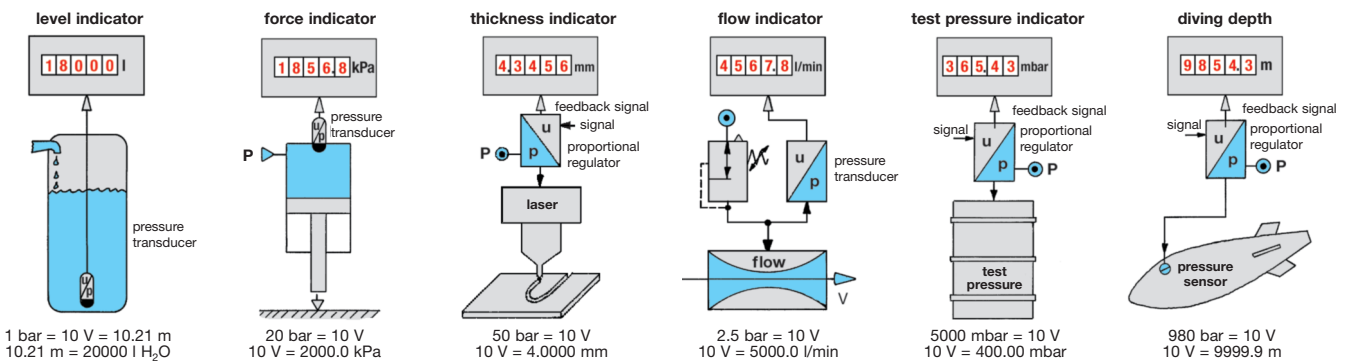
MPAX

Special options, add the appropriate letter		
<b>programming*1</b>	factory-set, e.g. 4...20 mA / 2...10 bar	MPAX-..PR
<b>interface</b>	RS232 with 9-pin D-Sub	MPAX-..32
	RS485 with two RJ-11 connectors	MPAX-..85
<b>relay output*2</b>	2x SPDT 5 A at 24 V DC,	MPAX-..2W
	4x NOC 3 A at 24 V DC,	MPAX-..4S
<b>transistor output*2</b>	4x NPN	MPAX-..4N
	4x PNP	MPAX-..4P
<b>output signal</b>	0/4...20 mA or 0...10 V,	MPAX-..AA
<b>bus interface</b>	PROFIBUS DP	MPAX-..DP



plug-in card

Accessories, enclosed		
<b>physical units</b>	label sheet with standard dimensions	<b>MPAX-BK</b>
<b>software</b>	for Microsoft Windows®	<b>MPAX-X1</b>
<b>programming kit</b>	software, interface board RS232 plus cable	<b>MPAX-EM</b>
<b>adapter</b>	software, interface board USB plus cable	<b>MPAX-USB</b>



\*1 Signal range, indicated values, dimensions or limit value, rounding factor, resolution, total account etc. to be indicated.  
\*2 Only one of these two options can be realised.