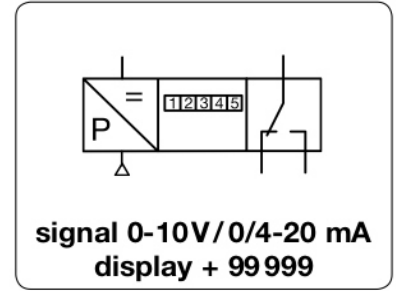


MPAX - Afficheur numérique programmable et configurable, multifonction, à montage en façade

Description	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	
Programming	11...36 V DC, max. power consumption 11 W or 85...250 V AC, max. power consumption 15 VA	
Supply voltage	5-pin LCD display 14 mm tall, red numbers, background lighting	
Display	terminal strip for area 0.14...1.5 mm ²	
Electrical connector	Input signal	0...10 V or 0/4...20 mA
Analogue output card	Relay output card	2x SPDT 5 A or 4x NOC 3 A, at 24 V DC
Transistor output card	Sensor supply	24 V DC ± 5%, max. 50 mA
Measuring rate	Response time	200 ms
Measurement memory	Unit counter	input signal x time
Display accuracy	Certifications	CE-certified, UL-listed
Response time	Resolution	16 bit A/D converter
Temperature range	Protection class	IP 65 in the front
Material	Housing: dark red, shockproof plastic 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	230 V AC	0/4-20 mA / 0-10 V	MPAX-230
97 50 107	0.12	24 V DC	0/4-20 mA / 0-10 V	MPAX-24



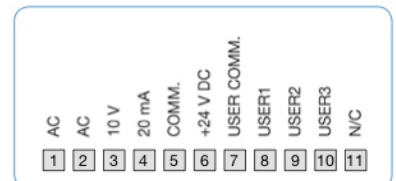
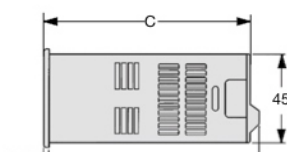
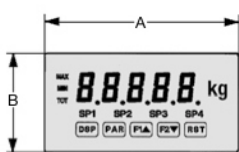
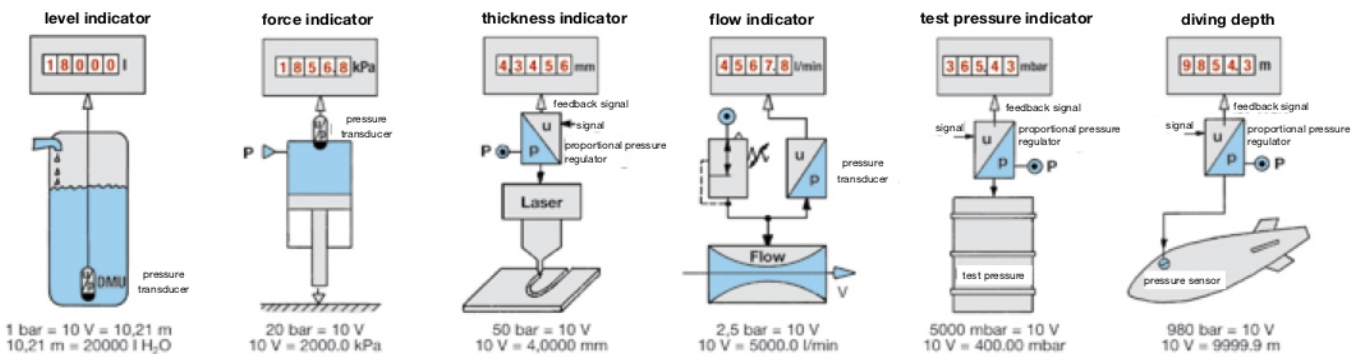
Special options, add the appropriate letter

programming*1	factory-set, e.g. 4-20 mA / 2-10 bar		MPAX- . . PR
interface	RS232 with 9-pin D-SUB	plug-in card	MPAX- . . 32
	RS485 with 2 x RJ-11 connectors	plug-in card	MPAX- . . 85
Relay output**2	2 x SPDT 5 A at 230 VAC,	plug-in card	MPAX- . . 2W
	4 x NOC 3 A at 230 VAC,	plug-in card	MPAX- . . 4S
transistor output**2	4 x NPN	plug-in card	MPAX- . . 4N
	4 x PNP	plug-in card	MPAX- . . 4P
output signal	0/4-20 mA oder 0-10 V,	free selectable	MPAX- . . AA
bus interface	Profibus dp		MPAX- . . DP



Accessories, enclosed

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



*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.