

NOTE: Minimal sub-range with keeping the accuracy class is z/k (it is freely programmable).

Example: 10 Z = -10...10V;

k = 10 Z/k = 2 V, so the minimal sub-range can be e.g. -1...1 V; 0...2 V; 5...7 V



	P30			TURE AND STANDARD SIGNALS	
	T	Outp	ut		
Output type	Current: 0/4 20 m	Properties A, load resistance \leq 500 Ω		Remarks	
Analog	Voltage: 010 V, load resistance \geq 500 Ω			accuracy class: 0.1	See Also
Relay	1 or 2 relays; voltageless contacts – NO – maximum load 5A		0V d.c., 250V a.c.		
Supplying output	24 V d.c. / 30 mA (o				
		Digital Int	erface		aggggg
nterface type RS-485	Protocol	051 001 0N1 Address 1 24	7	Baud rate	
K3-485		8E1, 801, 8N1; Address 1247		4.8, 9.6, 19.2, 38.4, 57.6, 115.2, 230.4, 256 kbit/	
Overall dimensio	nc	External Fe	eatures	1	Temperatur sensors
Weight		< 0.25 kg			sensors
Protection grade		for housing: IP40/ IP30		for terminals: IP20	
Readout field		LCD 2 x 8			
		Rated Operating		ns	
Supply voltage		• 85253 V d.c. / a.c. (40400 Hz)		Power consumption 6 VA	
Temperature		• 2040 V a.c. (40400 Hz) or 2060 V d ambient: -25 <u>23</u> +55°C		storage: -30+70°C	
Relative humidity	/	2595 %		inadmissible condensation	5000*
, Working position		any			N30U mete
	S	afety and Compatib	ility Requi	rements	
Electromagnetic compatibility		noise immunity		acc. EN 61000-6-2	
Isolation between circuits		noise emissions		acc. EN 61000-6-4 acc. EN 61010-1	
Pollution level		basic 2			
Installation category		III • for supply circuits 300 V • for other circuits 50 V		acc. EN 61010-1	
Maximal phase-to-earth voltage					
Altitude above se	e level	< 2000 m			
		Connection	Diagram	•	
	SUP. A P	4 5 6 7 8 GNDB A	- + A2-a	XX2XXXXX uxiliary supply 4 V d.c. 30 mA	
		ORDER	ING		
system memory Additional out	D/420 mA) v) ipment: D/SDHC slot nterface and internal v out: 0 V d.c., 250 V a.c.	1 2 0 1	ACCESORIES Capacity 1 GB	SD CARD Ordering code 20-199-00-00023	
Supply 24 V d.c. Supply: 85253 V a.c./ 2040 V a.c., 2 Version: standard custom-made* Language versi Polish English other* Acceptance tess without extra re	d.c. 060 d.c. on:	2 1 2 00 XX P E X	with current relays, 8525	20-199-00-00025 le: 11100P0 means transducer execution output, slot for SD/SDHC card, with 2 alarm 3 V a.c. / d.c. (40400 Hz) power supply, sion, Polish language, without extra require-	