

Signal Converters Overview



Programmable by RFID /NFC
No wiring required!



DIN B head / DIN rail converter

Programmable input

Galvanical isolation

DIN rail version including customized linearization

Programming tools



Main features

				
	2000.35.010	2000.35.015	2000.35.016	2000.35.017
Box	23 mm, Ø 45 mm		DIN43880 1 module - 18 x 90 x 64	
Current output	4..20 mA loop power (2 wires), operating range 6-32 V DC			
Connection	Screw pins		Screw pins	
Mounting	DIN/B head		Din-Rail mounted	
Operating temperature	-40+85 °C, Humidity 30..90 RH%			
Material	Nylon (PA66)		Box: polycarbonate V0; Front panel: silicon V0	
Weight	Approx 30 g		Approx 30 g	
Sealing	IP 20		IP 20	
Conformity	CE, EN 61000-6-4, EN 61000-6-2, UL		CE, EN 61000-6-4, EN 61000-6-2	
Set-up	Programmable by RFid (NFC)		Programmable by RFid (NFC)	
RFID - NFC (USB Programmer cod. 2000.35.012)	●		●	
"My Pixsys" NFC APP for Android				
"ATEX" version 				
ATEX II 1 G EX IA IIC T3 ...T6 GA				
ATEX II 1 D EX IA IIC T86...200°C DA				
ATEX I M1 EX IA I T150°C MA				
	2000.35.030	2000.35.031	○	

Technical data

Selectable analogue input	PT100 (2/3/4 wires), Ni100, PT1000	PT100 (2/3/4 wires), Ni100, TC K-S-R-J-T-N-B-E	0..20 mA, 4..20 mA, 0..10 V, 10 Ω..200 KΩ
Digital Input	○	○	Button for calibration functions
Isolation	○	Galvanic isolation input/output	
Output resolution	1µA		1µA
Range output	Over F.S. + 5°C, Under F.S. - 5°C		Over F.S. + 5°C, Under F.S. - 5°C
Failure output	Selectable 21,5mA or 3,8mA		Selectable 21,5mA or 3,8mA
Current output protection	30 mA approx.		30 mA approx.
Rejection	50-60 Hz		50-60 Hz
Max transmission error	Greater between 0,1% f.s. or 0,2°C		Greater between 0,1% f.s. or 0,2°C
Sampling/Response time	300ms / approx. 600 ms		300ms / approx. 600 ms
Cable resistance	Max 20Ω		Max 20Ω
Temperature coefficient	< 100 ppm		< 100 ppm