



P15

- DC TRANSDUCER/ SEPARATOR with two outputs

P15 ensures galvanic isolation between input, two outputs and the supply circuit. The transducer meets all the requirements concerning EMC according to IEC 61010 and IEC 61326-1 standard.



PRODUCT FEATURES:

- Electric isolation for standard DC signals.
- Solves grounding problem in meshed signal networks.
- High electric isolation between input and output 2.3 kV and power supply versus all other circuits 3 kV.

TECHNICAL SPECIFICATIONS

INPUT:

- d.c. current ranges: 0...20 mA, 4...20 mA, 1...5 mA
- Internal resistance: $\leq 15,5 \text{ Ohm}$

OUTPUT 1 AND OUTPUT 2:

- d.c. current ranges: 0...20 mA, 4...20 mA
- Burden voltage: 12 V
- External Resistance $R_{EXT MAX} [\text{kOhm}] = 12V / I_{AN} [\text{mA}]$
- Voltage limiter at $R_{EXT} = \infty$: 15V for current output
- Residual ripple in Output current: $< 0.5\% \text{ p.p.}$
 I_{AN} - output full scale value
- Response time: $< 50 \text{ ms}$

ACCURACY (acc. to IEC 60770):

- Basic Accuracy: limit error $< \pm 0.2 \%$ including linearity and reproducibility errors

SUPPLY:

- High auxiliary supply: 60 - 300 V a.c. / d.c., 40 do 400 Hz
- Low auxiliary supply: 20 - 40 V a.c., 40 do 400 Hz, 20 - 60 V d.c.
- Power consumption: $\leq 4 \text{ VA}$, $\leq 2 \text{ W}$ (respectively)

OTHER:

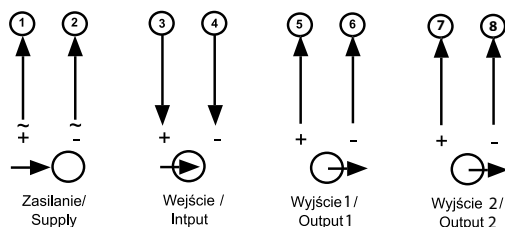
- Dimensions: 22.5 x 65.5 x 106.5 mm
- Mounting: DIN rail (TS35) or onto a wall or in panel
- Enclosure protection: IP40 - front, IP20 - terminal

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EVERYTHING COUNTS

SCHEMATY PODŁĄCZEŃ | CONNECTION DIAGRAM



KOD ZAMÓWIENIA | ORDERING CODE

Przetwornik DC/ DC Transducer	P15	XX	XX	XX	X	XXXX	X	X
Sygnal wejściowy d.c. / d.c. Input signal:								
0...20 mA		32						
1...5 mA		53						
4...20 mA		55						
Sygnal wyjścia 1 / Output 1 signal:								
0...20 mA			32					
4...20 mA			55					
Sygnal wyjścia 2 / Output 2 signal:								
0...20 mA				32				
4...20 mA				55				
Zasilanie/ Power supply:								
60...300 V a.c./d.c.					H			
20...40 V a.c/ 20...60 V d.c.					F			
Wykonanie/ Version:								
standardowe/ standard						0000		
specjalne*/ custom-made*						XXXX		
Wersja językowa/ Language:								
wersja polska/angielska							M	
Próby odbiorcze/ Acceptance tests:								
bez dodatkowych wymagań/ without extra quality requirements								0
z atestem Kontroli Jakości/ with an extra quality inspection certificate								1
ze świadectwem wzorcowania/ with calibration certificate								2
wg uzgodnień z odbiorcą*/ according to customer's request *								X

* tylko po uzgodnieniu z producentem/ after agreeing with the manufacturer

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