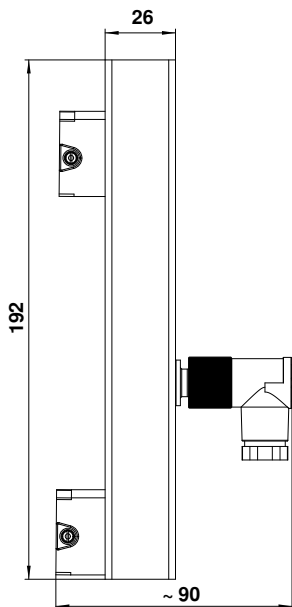


Flow transmitter for IDP-A Z60 / IDP-A



In operation with flow indicator IDP-A



Flow transmitter dimensions

- Flow-rate transmitter
- For IDP-A, with magnetic diver
- Output signal: 4-20 mA (3-wire)
- Already set in factory
- Plug in connector

APPLICATIONS

- For remote indication of flow-rate as indicated by the diver of IDP-A.

DESCRIPTION

The transmitter Z60 is designed for IDP-A (with magnet diver) 730... series. It converts the float position into a 4-20 mA signal. The transmitter does not require any adjustment on site. Each model is specific to a measuring scale of IDP-A.

Mandatory:

The flow indicator must integrate a magnetic diver (IDP-A series only).

Installation:

The transmitter is fixed directly to the flow indicator.

Caution:

- Output signal 4 mA corresponds to 10% of full scale; Exception on IDP-A 8000: 13 %).
- Output signal 20 mA corresponds to 100% of full scale.

TECHNICAL FEATURES

Power supply	12 ... 24 V DC ($\pm 10\%$)
Consumption	< 50 mA
Resistor load	Max. 500 Ω
Analogue output	4-20 mA (3-wire)
Protection	IP65 - Plug set DIN 43650
Temperature limits	Ambient: 0 ... 50 °C
Accuracy	< 1% for the transmitter (IDP-A class 4)
Connection	pin 1=24V ; pin2=4-20mA ; pin3=0V

CODE NUMBERS AND REFERENCES

IDP-A model*			Transmitter Z60	
Type	NB	Range [l/h]	Code	Reference
50	25	50...500	730 976	Z60/50
100	25	100...1 000	730 977	Z60/100
150	32	150...1 500	730 978	Z60/150
250	32	250...2 500	730 979	Z60/250
200	40	200...2 000	730 980	Z60/200
300	40	300...3 000	730 981	Z60/300
600	50	600...6 000	730 983	Z60/600
1000	50	1 000...10 000	730 984	Z60/1000
1500	50	1 500...15 000	730 985	Z60/1500
2000	65	2 000...20 000	730 986	Z60/2000
3000	65	3 000...30 000	730 987	Z60/3000
8000	65	8 000...60 000	730 988	Z60/8000

* See data-sheet N° 730-05 to select the type of IDP-A (materials)



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