Automation Progetti

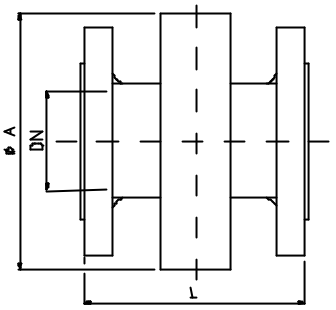
- ITALIAN MANUFACTUR -

since 1975

ELECTROMAGNETIC FLOWMETER
SPECIFIC FOR APPLICATIONS IN HYDRAULIC TRAPS
AP1017/P - AP1018/P HI-TECH version

Overall dimensions (mm) with flanges EN-1092-1 PN10 (DIN 2576 – ISO2501 – UNI 2277)

ND	A Ø	L Standard	L ISO	Weight (Kg)
20	140	200		6
25	140	200		7
32	168	200		8
40	168	200		9
50	168	200		10
65	219	200		12
80	219	200		13
100	256	250		16
125	273	250		19
150	284	300		23
200	332	300	350	30
250	389	300	450	38
300	440	300	500	50
350	472	300	550	72
400	523	400	600	96
450	574	400		102
500	624	400		120
600	726	400		150
700	830	400		195
800	932	400		250
900	1034	400		290
1000	1134	400		360
1100	1238	600		450
1200	1337	600		540



TECHNICAL DATA

Version..... : HI-TECH – rough application
Applications..... : specific for applications in hydraulic traps
Mounting..... : flanges UNI - ANSI – DIN – ISO
Nominal size..... : from ND20 to ND1200
Nominal Pressare..... : PN10 – PN16 – PN25 – PN40 – PN64
Measure piping ..... : stainless steel
Structure, Flange ..... : stainless steel
Structure ..... : repairable (not welded)
Lining..... : alimentary hard rubber **(see optional)**
Liquid temperature..... : -40 ÷ 150 °C (**see optional**)
Anticondensate sealing..... : polyrethane resin
Measure electrodes..... : in Hastelloy-C (see optional)
Measure range..... : 0,1 ÷ 6 m/s (waterworks applications) – 0,1÷ 12 m/s (special applications)
Interchangeability..... : total for any converter
Interchangeability accuracy..... : without adjustment
ND20÷300 ±0,2% R.V. ; ND350÷600 ±0,5% R.V. ; ND700÷1000 ±1% R.V. ; ND1200 ±2% R.V.
Output..... : to converter
Electrical connections..... : cable connected and resinated by manufacturer
Insulation thermic class..... : H (180 °C)
Ambient temperature..... : -30 ÷ 80 °C
Protection ..... : IP68/5 EN 60529 (see optional)
Humidity ..... : 100% (no air inside)
Supply..... : from converter (24 Vac) Power consumption 6W
Dimensions..... : see table
Lenght..... : L standard **(see optional)**
Burn-in..... : 120 h
MTBF..... : 130.000 h
Optionals ..... : - Teflon (PTFE)
: - electrodes AISI316L – Titanium
: - IP67
: - lenght ISO 13359
: - lenght on request
: - **special executions on request**
Accuracy of system (meter + conv.) after adjustment with absolute mode(not by comparison)
Standard..... : **±0,2%V.L. - ±0,5%V.L.** (function of diameters)
±1%V.L. - ±2%V.L. (function of diameters)
For other data..... : see converters AP219 – AP501

Bull.	296
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Italian version	
English version	X

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