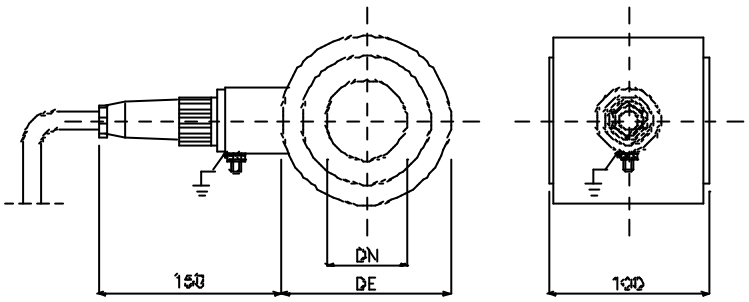
Automation Progetti

- ITALIAN MANUFACTURER -
since 1975

ELECTROMAGNETIC FLOWMETER
AP1116 - HI-TECH version



Overal dimensions(mm)

DN	DE	Weight (Kg)
3-6-8-10-15-20-25-32	105	2
40 - 50	105	3
65	127	3
80	142	4
100	162	4

TECHNICAL DATA

Version.....: HI-TECH – rough application
Mounting.....: wafer
Nominal size.....: from ND3 to ND100 mm
Line pressure.....: NP10 Bar
Structure.....: stainless steel (AISI304-1.4301 - AISI316-1.4401) repairable **(not welded)**
Lining.....: TEFLON®
Process temperature.....: -40 ÷ 120 °C
Anticondensate sealing.....: polyurethane resin
Measure electrodes .....: AISI316L-1.4404 **(see optional)**
Measure range.....: 0,1 ÷ 12 m/s
Interchangeability.....: total for any converter
Interchangeability accuracy.....: without adjustment, ±1% R.V.
Output.....: to converter
Electrical connections.....: with industrial connector
Insulation thermic class.....: H (180 °C)
Ambient temperature.....: -30 ÷ 80 °C
Protection .....: IP66 CEI EN 60529
Humidity .....: 100% (no air inside)
Supply.....: from converter (24Vdc)
Power consumption.....: 4W
Dimensions.....: see table
Burn-in.....: 120 hours
MTBF.....: 130'000 hours
Optionals .....: - nominal pressure NP16
: - Hastelloy B or C – Titanium electrodes
: - lenght on request
: - **special executions on request**
Accuracy of system (meter + conv.) after adjustment with absolute mode(not by comparison)
Standard.....: **±1% R.V.**
On request .....: **±0,2% R.V. - ±0,5% R.V.**
For other data.....: see converters AP219 - AP501

NOTE: Teflon (R) is registered trademark of DuPont Dow Elastomers

Bull.	207
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Italian version	
English version	**X**

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