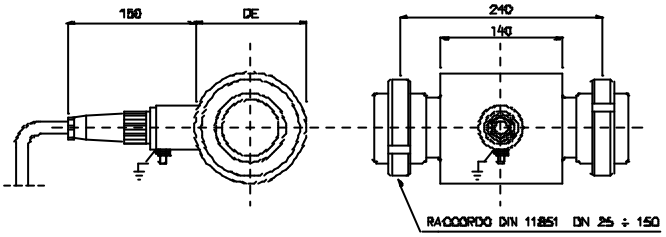
Automation Progetti

- ITALIAN MANUFACTURER -
since 1975

ELECTROMAGNETIC FLOWMETER
AP1016 DIN - HI-TECH version



Overal dimensions (mm)

ND	ED	Weight (Kg)
25	105	6
32	105	6
40	105	6
50	105	7
65	127	7
80	142	8
100	162	9
150	220	11

TECHNICAL DATA

Version.....: industrial for alimentary liquids HI-TECH
Mounting.....: DIN 11851
Nominal size.....: from ND25 to ND150 mm
Line pressure.....: NP10 Bar
Structure.....: stainless steel (AISI304-1.4301 – AISI316-1.4401)
Structure.....: repairable **(not welded)**
Lining.....: TEFLON®
Process temperature.....: -40 ÷ 150 °C
Anticondensate sealing.....: polyurethane resin
Measure electrodes.....: AISI316L-1.4404
Measure range.....: 0,1 ÷ 12 m/s
Interchangeability.....: total for any converter
Interchangeability accuracy .....: without adjustment ±0,2% R.V.
Output.....: to converter
Electrical connections.....: with industrial connector
Insulation thermic class.....: H (180 °C)
Ambient temperature.....: -30 ÷ 80 °C
Protection.....: IP66 **(see optional)**
Humidity.....: 100% (no air inside)
Supply.....: from converter (24Vdc)
Power consumption .....: 4W
Dimensions.....: see table
Burn-in.....: 120 hours
MTBF.....: 130'000 hours
Optional .....: - 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.....: **±0,2% R.V.**
For other data.....: see converters AP219 - AP501

NOTE: Teflon® is registered trademark of DuPont Dow Elastomers

Bull.	208
Last Updating	January 2004
Italian version	
English version	X

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