

# Variable area flow indicator IDP



- For aggressive or neutral fluids
- Construction: all in plastic materials
- PVC. Polysulfon
- 0...60 m<sup>3</sup>/h water at 20 °C. 12 scales
- Special scales: Air, HCl, NaOH, etc.
- Direct reading
- 2 set point indicators
- Alarm contacts in option
- Accuracy: Class 4
- Radial mounting: vertical, ascending flow

## TECHNICAL FEATURES

Max. pressure at 20 °C	PN 10
Temperature limits	PVC: 0...50 °C (water) Polysulfon: 0...120 °C (water)
Float:	PVDF
Float stoppers:	PVDF
Float guiding rod coating	DN50 & DN65 only: Stainless steel with PVDF coating
Seals:	EPDM
Unions (standard model):	PVC, to glue on site
Scales:	Standard in L/h of water at 20 °C
Chemical compatibility:	PVC for acid, neutral or basic liquids Polysulfon for acids

It is necessary to take care of unions temperature limits.

## SPECIFICATION

IDP:	Plastic flow indicator
100:	Beginning of scale (end of scale is x 10)
V or P:	V: Measuring tube in PVC (V) P: Measuring tube in Polysulfon
PVDF:	Float in PVDF
A:	Including a magnet for switch control (option)

## OPTIONS

Connections:	Cast iron or stainless steel unions. flanges and fittings in PVC, PPH, PVDF or stainless (for flat seals)
Seals:	FPM
Special scales:	Air (1...9 bar absolute pressure - 20 °C) with Polysulfon measuring tube HCl (30 %), Na OH (30 and 50 %)

With your request. please specify operating conditions (fluid, temperature and pressure).

# BAMO MESURES

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730 I1 05 B

## DEB

730-05/1

730

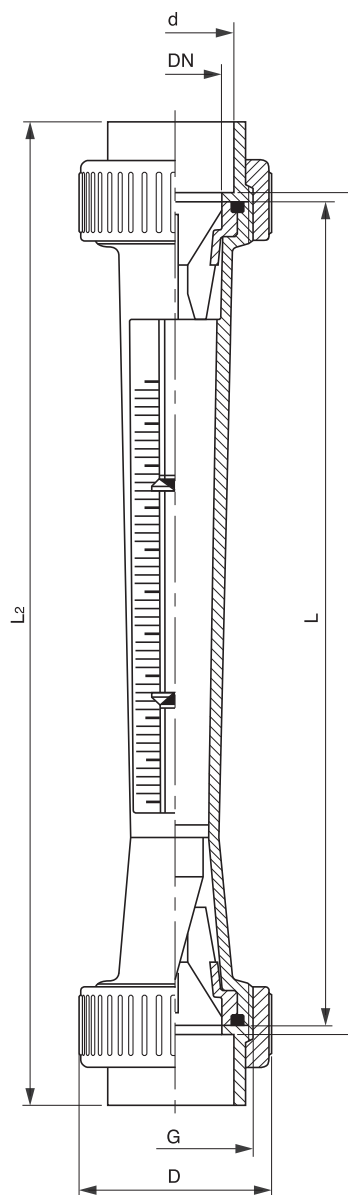
IDP Type	DN	Ø d [mm]	R	Measuring scale [L/h]	ΔP [mbar]	Code numbers			
						PVC	PVC-A	Polysulfon	Polysulfon-A
50	25	32	1"	50 - 500	22.84	730 700	730 740	730 720	730 760
100	25	32		100 - 1 000	22.84	730 701	730 741	730 721	730 761
150	32	40	1" ¼	150 - 1 500	22.84	730 702	730 742	730 722	730 762
250	32	40		250 - 2 500	22.84	730 703	730 743	730 723	730 763
200	40	50	1" ½	200 - 2 000	24.99	730 704	730 744	730 724	730 764
300	40	50		300 - 3 000	24.99	730 705	730 745	730 725	730 765
600	50	63	2"	600 - 6 000	24.99	730 706	730 746	730 726	730 766
1 000	50	63		1 000 - 10 000	24.99	730 707	730 747	730 727	730 767
1 500	50	63		1 500 - 15 000	28.23	730 708	730 748	730 728	730 768
2 000	65	75	2" ½	2 000 - 20 000	45.67	730 709	730 749	730 729	730 769
3 000	65	75		3 000 - 30 000	45.67	730 710	730 750	730 730	730 770
8 000	65	75		8 000 - 60 000	47.24	730 711	730 751	730 731	730 771

ΔP : Pressure loss with water at 20 °C

For measuring tubes in TROGAMID or PVDF: please contact us.

Dimensions [mm]								
DN	Ø d	R	G	D	L	L1	L2	Mass [Kg]
25	32	1"	1" ½	60	350	356	400	0.52
32	40	1" ¼	2"	72	350	356	408	0.60
40	50	1" ½	2" ¼	83	350	356	418	1.22
50	63	2"	2" ¾	103	350	356	432	1.68
65	75	2" ½	3" ½	122	350	356	444	2.90

Options code numbers									
DN	Ø	Seals	Threaded connections				Unions PPH	Flanges (ISO)	
		FPM	Cast iron	Stainless steel	PVC	PVC		PPH	
25	32	P53 959	730 303	730 305	730 301	730 302	730 306	730 307	
32	40	P53 960	730 353	730 355	730 351	730 352	730 356	730 357	
40	50	P53 961	730 403	730 405	730 401	730 402	730 406	730 407	
50	65	P53 962	730 503	730 505	730 501	730 502	730 506	730 507	
65	75	P53 963	730 603	-	730 601	730 602	730 606	730 607	



### ALARM CONTACTS

The flow meter has to be equipped with a magnetic float PVDF A.

Switching power: 12 VA / 230 V AC / 0.5 A  
 Status: NO with flow-less; code number 730 998  
 Protection: IP 65, DIN plug  
 Temperature limits: 0 to 55 °C

