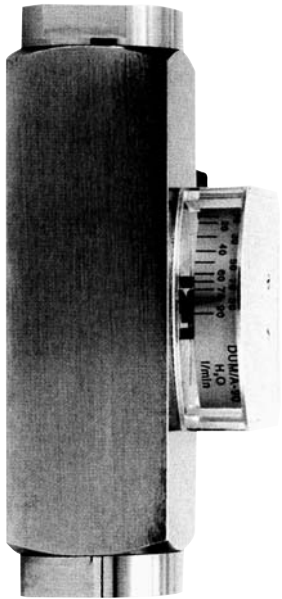


Flow controller with flow rate indicator

DUM/A - DUM



DUM/A

Reading: With 1 contact

- Mounting in all positions
- Reading on a sided graduated scale
- Independent of pressure
- Construction: Brass or Stainless steel
- Adjustable contact NO or change over
- Scales (Water at 20°C), 13 ranges:
From 0.2...4 L/min up to 35...250 L/min
- Pressure up to 300 bar
- Temperature up to 160°C

PRINCIPLE

A diver with a built in magnet is moved by the flow inside a cylinder tube with a conical and lateral slit. A compensating spring allows the mounting in any position. The flow controllers DUM/A and DUM are efficient with fluid viscosity close to water viscosity and operate without incidence of pressure variations.

DUM/A: In addition of a contact, an analogical display indicates the flow rate (even with quick variations of the fluid speed).

DUM: Blind controller, standard supply with NO contact, change over contact or ATEX certified contact on request.

TECHNICAL FEATURES

DUM - DUM/A

Pressure drop: 0.02 to 0.8 bar according model
 Temperature: 100°C (option with 160°C as a maximum)
 Accuracy: ± 5 % full scale
 Contact: NO (Normally Open)

OPTIONS

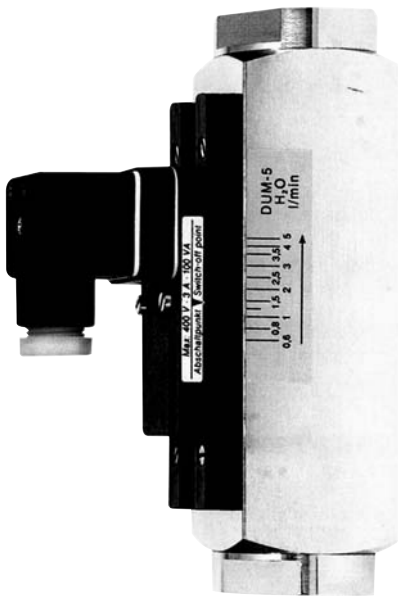
Contact: Change over contact or Explosion proof

DUM - DUM/A (Brass type)

Pressure: 200 bar as a maximum
 Body: Brass
 Connections: Nickel plated brass
 Diver: Nickel plated brass
 Spring: Stainless steel 1.4571 (316 Ti)
 Seals: NBR

DUM - DUM/A (Stainless steel type)

Pressure: 300 bar as a maximum
 Body: Stainless steel 1.4571 (316 Ti)
 Connections: Stainless steel 1.4571 (316 Ti)
 Diver: Stainless steel 1.4571 (316 Ti)
 Spring: Stainless steel 1.4571 (316 Ti)
 Seals: FPM



DUM

Blind with 1 contact

BAMO MESURES

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Flow controller
 with flow rate indicator
DUM/A - DUM

29-01-2008

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DEB

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SWITCH – Characteristics

The adjustment is continuous, sliding the switch on a guide and fixed it up with a screw.
The output connection is realized through a PG 9 on an IP 65 connector (DIN 43650).

The switch is, as standard, NO: reversing the contact 180°, it is possible to have the NC action.

Standard switch / NO contact with no flow

Switching power: 250 V / 1 A / 100 VA

ATEX certified contacts (Option) NO with no flow

ATEX II 2G EEx m II T6: maxi 250 V / 2 A / 60 VA

Changeover contact (Option)

Switching power: 250 V / 1.5 A / 50 VA (3 VA as a minimum)

Ex Changeover contact

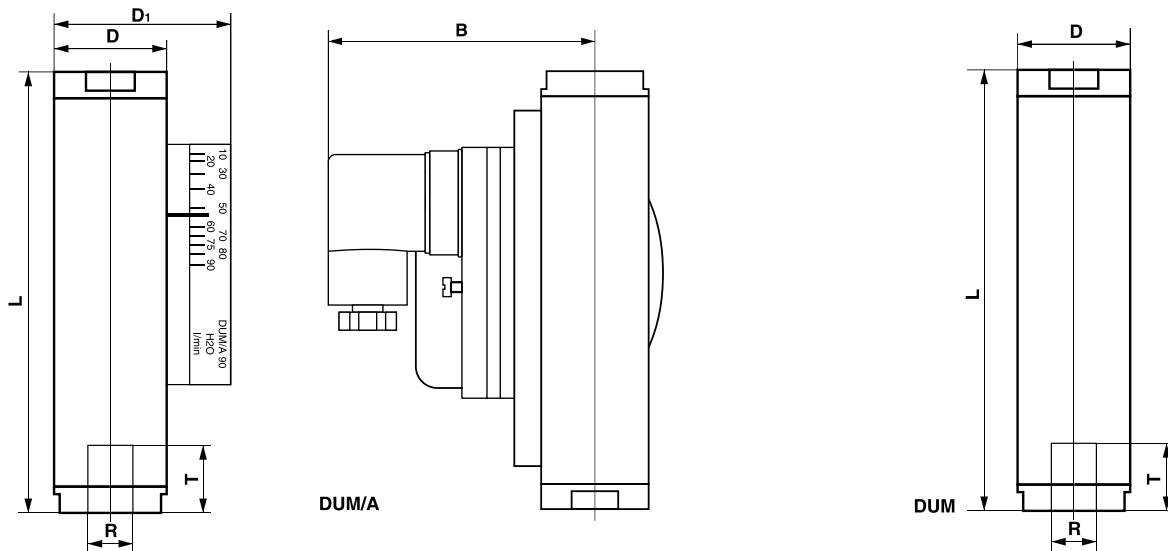
maxi 250 V / 1 A / 30 VA

CODE NUMBERS AND REFERENCES

Reference	Brass	1.4471 (St. st. 316 Ti)	Range L/mn	R on request	R Std	S/P* mm	D mm	D1 mm	B mm	T mm	L mm	Weight g
DUM/A-4	725 700	725 800	0,2 - 4	½"	¼"	27	30	47	71	14	130	900
DUM/A-5	725 707	725 807	0,6 - 5	½"	¼"	27	30	47	71	14	130	900
DUM/A-8	725 709	725 809	0,5 - 8	½"	¼"	27	30	47	71	14	130	900
DUM/A-14	725 720	725 820	1 - 14	½"	¼"	27	30	47	71	14	130	900
DUM/A-28	725 723	725 823	1 - 28	¼"	½"	27	30	47	71	14	130	900
DUM/A-40	725 726	725 826	2 - 40		½"	27	30	47	71	14	148	950
DUM/A-55	725 729	725 829	4 - 55		½"	27	30	47	71	14	148	950
DUM/A-70	725 731	725 831	1 - 70	¾"	1"	34	40	57	76	19	156	1 150
DUM/A-90	725 733	725 833	8 - 90	¾"	1"	40	40	57	76	19	156	1 150
DUM/A-110	725 735	725 835	5 - 110	¾"	1"	40	40	57	76	19	156	1 150
DUM/A-150	725 737	725 837	10 - 150		1" ¼	40	40	57	76	21	200	2 800
DUM/A-220	725 739	725 839	35 - 220		1" ¼	50	50	67	81	21	200	3 050
DUM/A-250	725 741	725 841	35 - 250		1" ½	60	60	77	82	24	200	3 850

Code DUM: 725 3 . . for brass type – Code 725 5 . . for stainless steel type

* Dimensions for models with standard connections



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Flow controller
with flow rate indicator

DUM/A - DUM

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