



Ø 1/2" HE



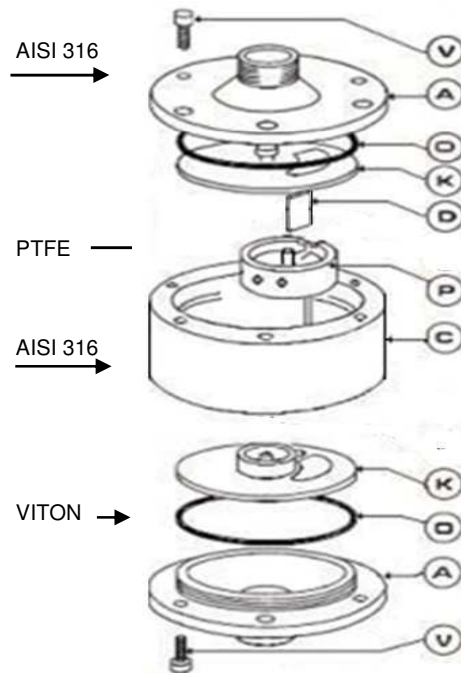
OSCILLATING PISTON METER

Chemical - Food - Painting - Beverage - Pharmacy - Alcohol
FOR ACCURATE MEASUREMENT AND BATCHING OF INDUSTRIAL LIQUIDS



1/2" in AISI 316
 HALL EFFECT NPN

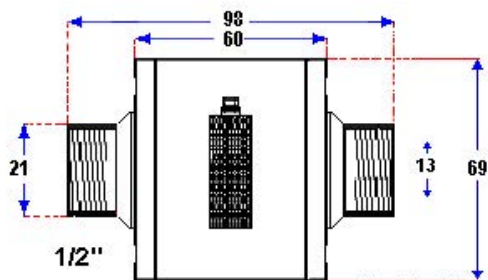
BODY :	PISTON:	T°
316 SS	PTFE STANDARD	60°C
316 L SS	PVDF/PTFE	85°C
316 SS	PVC C	40°C



O-RING VITON / EPDM 54,5X3,55

34/36/40 PULSE SIGNALS /LITRE

FEW INTERNAL DURABLE PARTS ASSURE PRECISE FUNCTION HIGH DURABILITY



ACCURACY : >= 99% - 99,5 % (rep)
 FLOW PER MINUTE >2 <+25 depending on viscosity
 PRESSURE MAX : 10 bar (145 PSI)
 T°c MAX : ** 40° ÷ 85°

CONNECTIONS **BLU** **BLACK** **BROWN** **GND** **OUT METER** **+12/24 Volts CC**

The values specified must be considered as approximate values.
 The number of pulses per litre may differ depending on medium and installation.
 We recomand to calibrate the N° of pulses per liter in line with the complete installation

A wide selection of electronic instruments
Optimal accuracy and repetibility batch after batch



PVC Ø 1/2" HE

OSCILLATING PISTON METER

Chemical - Food - Painting - Beverage - Pharmacy - Alcohol

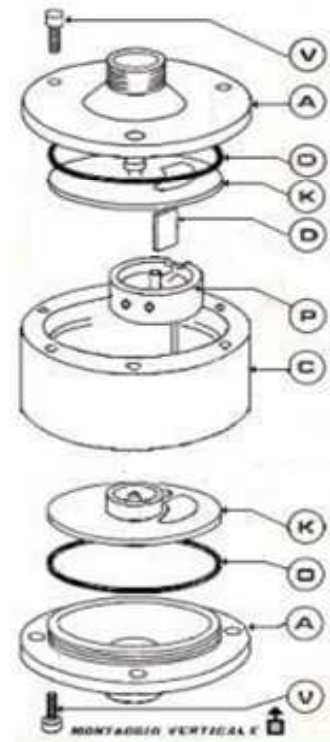
FOR ACCURATE MEASUREMENT AND BATCHING OF INDUSTRIAL LIQUIDS



PVC + PTFE
IN CONTACT
WITH THE LIQUID

C

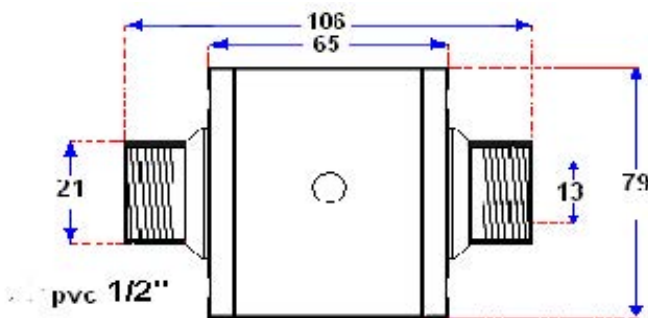
BODY :	PISTON:	T°
PVC	PTFE - PVC	40°C
PVDF	PTFE /DELRIN	65°C
DELRIN	PTFE /PVDF	80°C



37÷41 pulse liter

O-RING VITON / EPDM 54,5X3,55

INTERNAL DURABLE PARTS ASSURE PRECISE FUNCTION HIGH DURABILITY



ACCURANCY : $\geq 99\% \div 99,5\%$ (repetition)
 FLOW PER MINUTE: $>2 < \div 25$ depending on viscosity
 PRESSURE MAX : 4 bar (58 psi)
 T°c MAX : ** 38

CONNECTIONS: **BLU** → **GND**
BLACK → **OUT METER**
BROWN → **+12/24 Volts cc**

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 We recomand to calibrate the N° of pulses per liter in line with the complete installation

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 Optimal accuracy and repetibility batch after batch

BEMA Instruments

info@bemainstruments.com - www.bemainstruments.com

PVC Ø 1/2" ÷ 1"

OSCILLATING PISTON METER

Chemical - Food - Painting - Beverage - Pharmacy - Alcohol

FOR ACCURATE MEASUREMENT AND BATCHING OF INDUSTRIAL LIQUIDS



Stainless steel body



PVC body

Sensor : NPN ÷ PNP (÷on-off)

Ø 1/2"

ACCURACY : >= 99% (rep)
 FLOW PER MINUTE 1,5 ÷ 24 depending on viscosity
 PRESSURE MAX : 10 bar (145 PSI) (PVC 4 bar =)
 T°c MAX : ** 38° ÷ 85°
 Pulse/litre 36/42 depending on viscosity NPN PNP
 O-RING VITON / EPDM 54,5X3,55

FEW INTERNAL DURABLE PARTS ASSURE PRECISE FUNCTION HIGH DURABILITY



Ø 1" Aisi 316 L

Stainless steel body



Ø 1" PVC

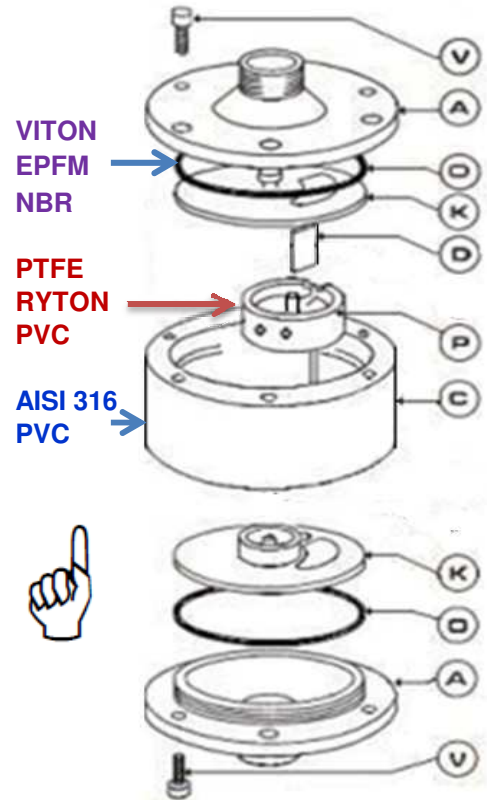
PVC body

Ø 1/2"

		BODY :
Cod.	1015	316 SS
		316 LSS
Cod	1013	PVC

PISTON: T°

PTFE	60°C
PVDF	85°C
PVC C	38°C



The values specified must be considered as approximate values.

The number of pulses per litre may differ depending on medium and installation.

We recommend to calibrate the number of pulses per litre in line with the complete installation.

ACCURACY : >= 99% (rep)
 FLOW PER MINUTE 4 ÷ 44(52) depending on viscosity
 PRESSURE MAX : 10 bar (145 PSI) (PVC 4 bar =)
 T°c MAX : ** 38° ÷ 85°
 Pulse/litre 19/21 depending on viscosity ON-OFF PNP NPN
 Max recommended viscosity 1000 cps

Ø 1"

		BODY :
Cod.	1020	316 SS
		316 LSS
Cod	1023	PVC

PISTON: T°

PTFE	60°C
PVDF	85°C
PVC	38°C

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