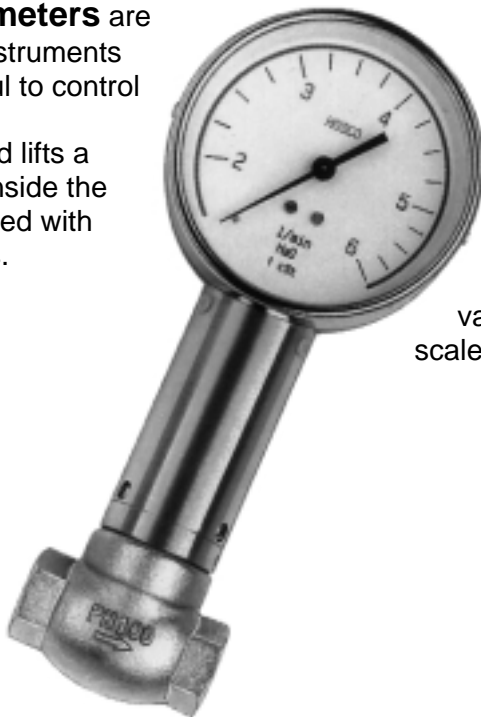


**TZ flow rate meters** are measurement instruments particularly useful to control liquids.

The moving liquid lifts a piston, housed inside the body and equipped with primary magnets.



That enables the actuation of the indicator control by means of an antagonistic magnet housed outside the flow chamber, indicating the flow value on a calibrated scale of 270° amplitude.

### Use / Characteristics

- ◆ Assembling in any position.
- ◆ Independence from viscosity because of a volumetric functioning principle.
- ◆ Measurement range 1:100 starting from 0,1 l/min.
- ◆ Good precision  $\pm 3\%$ .
- ◆ No magnetic parts in the measurement chamber.

These instruments are mainly used in the field of oil-hydraulics and lubrication to control circuits with oil flow, i.e. oildynamic control units of the hydraulic pistons, mechanical transmissions, typographic machines, etc. Transmitters are fit to operate on fluids with lubricating properties.

Gas "	Type	H mm	L mm	Kg
1/4	TZ 8 RI	212	67	1,3
3/8	TZ 10 RI	212	67	1,3
1/2	TZ 15 RI	212	67	1,3
3/4	TZ 20 RI	212	73	1,4
1	TZ 25 RI	214	87	1,7
1 1/4	TZ 32 RI	226	98	2,3
1 1/2	TZ 40 RI	226	114	2,8
2	TZ 50 RI	234	138	6,1

Materials	TZ..RI
Body	Bronze RG5
Piston	Brass MS58
Spring	Stainless Steel 1.4310
Seals	NBR

Transmission	
Piston with primary magnets	
Measurement disc	

Connections: female screwed

Gas "	Type	Max. P. bar	Max. t. °C	Measur. range l/min	% Precision on the measured value	$\Delta p$ Q max. bar	Order n.
1/4	TZ 8 RI	100	90	1 - 5	7	0,25	931900
3/8	TZ 10 RI	100	90	3 - 12	15	0,25	931901
1/2	TZ 15 RI	100	90	4 - 20	20	0,25	931902
3/4	TZ 20 RI	25	90	10 - 40	40	0,25	931903
1	TZ 25 RI	25	90	10 - 60	60	0,25	931904
1 1/4	TZ 32 RI	16	90	10 -100	100	0,25	931905
1 1/2	TZ 40 RI	16	90	10 -150	150	0,25	931906
2	TZ 50 RI	16	90	20 -250	250	0,25	931907

For flow direction from right to left add the suffix to the order n .01

SEE UPDATED PRICE LIST

Precision  $\pm 3\%$ ; full scale; viscosity compensation up to 100 cst.