



Flow Measurement & Control

CONTOIL® Classic Mechanical Oil Meters 9204 & 9208

9204 and 9208

Technical data



- oil meter with internal threaded connections located on the bottom plate
- with mechanical roller counter, volume display in US Gallons
- Liter display (optional)
- for mounting in horizontal, vertical and inclined positions
- VZOA 4 and 8 with EEC legal verification

Option: Reed pulser 48 V

		9204	9208
Nominal diameter	inch (mm)	1/8 (4)	1/4 (8)
Connection threads of meter	inch	1/8	1/4
Nominal pressure with threaded ends (PSI)	PSI	363	363
Maximum temperature Tmax,	° F	140	140
Maximum flow rate Qmax	gph (l/h)	21 (80)	52 (200)
Nominal flow rate Qcont	gph (l/h)	13 (50)	35 (135)
Minimal flow rate Qmin	gph (l/h)	.26 (1)	1 (4)
Approx. starting flow rate	gph (l/h)	.1 (.4)	.42 (1.6)
Max. permissible error		± 1% of actual value	
Repeatability		± 0.2%	
Safety filter mesh size	mm	0.125	0.125
Dirt filter mesh size	mm	0.080	0.080
Housing finish		Clear Plastic	
Weight without couplings	lbs (kg)	1.4 (.65)	1.6 (.75)
Smallest readable amount:	g	0.001	0.001
Registration capacity	g	10000	100000
Registration time at Qcont until roll over	h	7140	28570
Outputs			
Reed pulsers	10 ppg	9205	
Optional High Speed Pulsar	1216 ppg		9209

Pulsers

Dimensions

height = 3"
width = 2.5"
depth = 2.5"

- Switching element:
- Reed switch with dry contact (inert gas)
- Switching voltage:
- Max. 48 V AC/DC
- Switching current:
- Max. 50 mA
- Quiescent current:
- Open Contact
- Switching power:
- Max. 3 VA
- Temperature:
- Ambient -10 ... +60° C
- Protection class:
- Meters without pulser:
- IP 65 (IEC 60529) against water-jets and dust
- Meters with pulser RE:
- IP 50 (IEC 60529) against dust deposits
- Connections:
- On plug supplied with product for cable, 2 × 0.35 mm



ISTEC CORPORATION

5 Park Lake Road, Sparta, NJ 07871
973 383 9888 (Phone)
973 383 9088 (Fax)
Email: sales@istec-corp.com
Web: www.istec-corp.com