



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

		<b>9204</b>	<b>9208</b>
<b>Nominal diameter</b>	<b>inch (mm)</b>	<b>1/8 (4)</b>	<b>1/4 (8)</b>
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)
<b>Nominal flow rate Qcont</b>	<b>gph (l/h)</b>	<b>13 (50)</b>	<b>35 (135)</b>
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
<b>Dirt filter mesh size</b>	<b>mm</b>	<b>0.080</b>	<b>0.080</b>
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	<b>9205</b>	
Optional High Speed Pulsar	1216 ppg		<b>9209</b>

### 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



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