Parker Flow Sensors provide the ability to measure pressure, temperature and flow from a single test point in a hydraulic system. Constructed of light-weight aluminum, they are designed to be used with a wide variety of hydraulic fluids. This design also minimizes the effect of viscosity changes.

Flow sensors are provided with a choice of PD, PDP or EMA style diagnostic ports and are designed to be used with the Parker Service Master Plus only.

- Four measurement ranges: 0.2 to 160 gpm
- Accuracy of 1% FS or IR
- Measures pressure, temperature and flow
- Supplied with diagnostic coupling and temperature measurement port

CAN Flow Sensor Part Numbers and Technical Data

	SCFT-0004-**-CAN	SCFT-0116-**-CAN	SCFT-0380-**-CAN	SCFT-5160-**-CAN
Measuring Range	0.2 – 4 gpm (1 – 15 l/min)	1 – 16 gpm (4 – 60 l/min)	3 – 80 gpm (10 – 300 l/min)	5 – 160 gpm (20 – 600 l/min)
* Accuracy @ 21 cSt	1 % FS	1 % IR	1 % IR	1 % IR
Operating Pressure	6000 psi	6000 psi	6000 psi	6000 psi
Port Connection	1/2" BSPP	3/4" BSPP	1" BSPP	1 1/4" BSPP
Pressure Drop @ FS 21 cSt	21 psi	21 psi	58 psi	72 psi
Response Time	50 ms	50 ms	50 ms	50 ms
Length (in)	5.35	7.48	7.48	8.35
Width (in)	1.45	2.44	2.44	2.44
Height (in)	5.91	6.46	6.61	7.20

* Full scale (FS) or indicated reading (IR)

" ** " in the Part Number Represents:
TA = PD Style
PTA = PDP Style
TEMA3 = EMA3 Style (Female)

Excitation Voltage.....8-40 VDC
Max. Flow.....1.1 x Flow Range
Overload Pressure.....1.2 x Operating Pressure
Housing Material.....Aluminum
Seal Material.....FKM

Wetted Parts.....Stainless Steel
Max Fluid Temperature.....194°F
Ambient Temperature.....14 to 122°F
Filtration.....25 um
Viscosity Range.....10 to 100 cSt

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