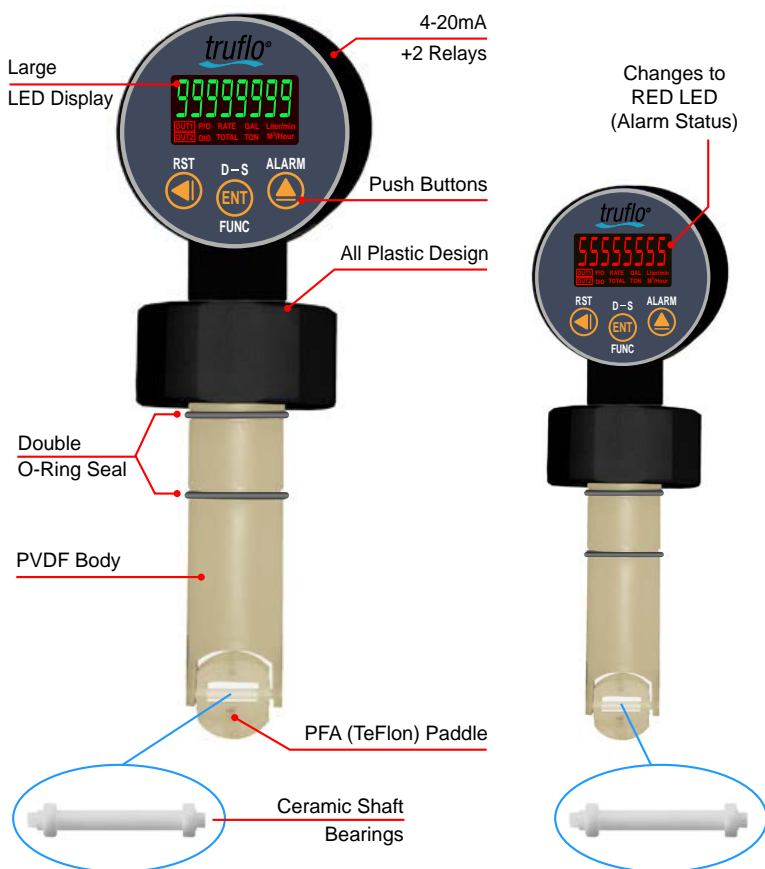


FLOW METER/TOTALIZER + VISUAL ALERT ALARM

Industry's Most Accurate Paddle Wheel Flow Meter

FEATURES

- Large Display Changes from Green to Red When in Alarm State
- Accuracy $\pm 0.75\%$ Of Full Scale
- Pipe Size (1/2 -24 Inch)
- Flow Rate + Totalizer (Resettable-Insight On Volume Till Change Out)
- Flow Velocity Range (0.33 to 26 Ft/S) (0.1 To 8 M/S)
- Eprom Memory-Totalizer Value Will Not Be Lost
- Nema 4X (IP66) Protection
- Bright Led Display Flow Units-- Litre, USGPM, M3, Ton
- Dual Output Relays
- 4-20mA Output Standard-(Track The 'Fill Rate' With Remote Display)
- Heavy Duty Industrial Design
- Corrosion Resistant All Plastic Wetted Parts-PVDF Body-Zirconium Ceramic Shaft-PFA Teflon Paddle
- Simple Installation



SPECIFICATION

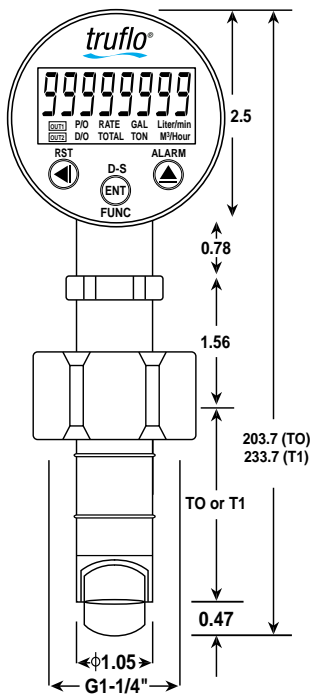
SPECIFICATION	DESCRIPTION
Supply Voltage	DC 14 to 28V
Measuring Accuracy	$\pm 0.75\%$ Full Scale
Repeatability	$\pm 0.5\%$ Full Scale
Input Sampling (Output Responses) Time	6 Cycles/Sec.
Readout Range	0-99999 (Flow Rate) 0-99999999 (Totalizer)
Relay Output	Adjustable Set Points
Relay Contact Output	DC 30V-3 Amp
Analog Output	4-20mA
Output Drive	<10mA <10V
Protection Class	IP66 NEMA 4X
RS-485 Baud Rate	19200/9600/4800/2400 (selective)
RS-485 Protocol	Modbus RTU Mode
Output Frequency	60.5Hz m/s Nominal (18.45Hz ft/s nominal) (Max. 10Hz (totalizer last digit))
Pulse Output Type	Transistor NPN Open-Collector (Max. DC60V/100mA)
LED Display	Bright Red or Green LED (0.4" High)
Parameter Setting	Push Button
Memory Mode	Non-Volatile E2 PROM Memory
Sensor Body Material	Natural PVDF
Rotor Material	PFA Teflon
Shaft and Bearing Material	Zirconium Cermaic (ZrO2)
O-rings Material	FKM (Viton)
Display Housing Materials	Polymide 66 + PBT + 15% Glass Filled (UL94V-0)
Measuring Viscosity Range	0.5 to 20 Centi Stokes (cst)
Maximum Particle Size	<10%(Particle) or <0.5mm2 (Max Particle Size)
Maximum Operating Pressure/Temperature	PVDF Body (200 psi @ -30 C (-22 F) to 30°C (86F), Pressure/Temperature 36 psi @ 90°C (194F)
Storage Temp	(-30 -22F) to 80°C (176F) (20 to 90RH Non-Condensed)
Certification	EN 55022:1998/A1:2000 Class A

DC Power Only



V	Natural PVDF	1	3.88 in (T1)	2	Two Relay	2	DC1~5V	Y	RS-485	I	Synchronize Input	C	Customes
			<ul style="list-style-type: none"> T (Pipe size 0.5" to 4") T1 (Pipe size 6" to 24") 	<ul style="list-style-type: none"> Relay Contact (DC 30V-7A) 						T	Synchronize Totalizer		

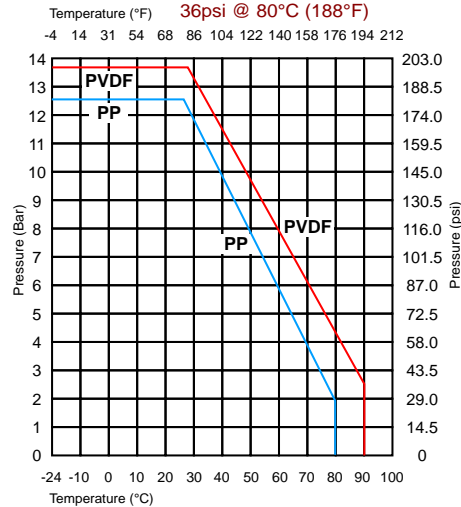
DIMENSION (unit : inch)



T = 68.5 mm (2.70")
T1 = 98.5 mm (3.88")

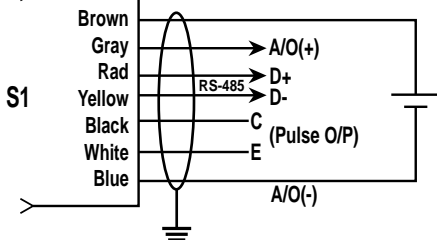
Maximum Operating Pressure/Temperature

- PP Body : (180psi @ 68°F) (25psi @ 176°F)
- PVDF Body : 200psi @ (-20 to 27°C) (-4 to 81 F)



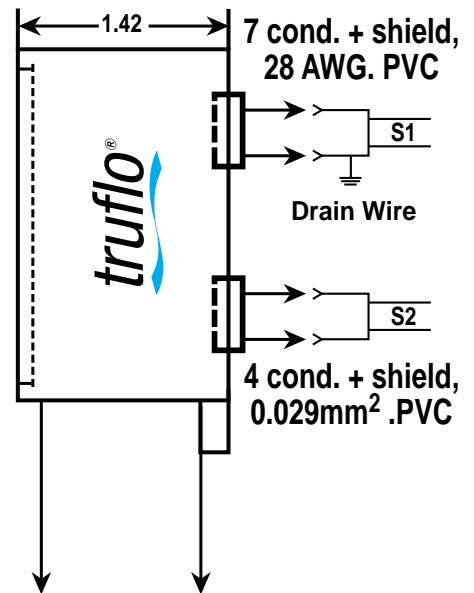
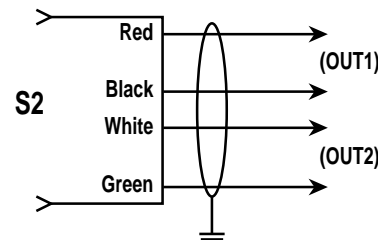
TERMINAL CONNECTIONS

• Analog/RS-485/Pulse output type



• Power = DC14~28V

• Relay output type

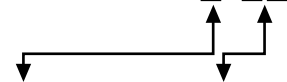


"GO WITH FLOW"

FITTING FOR LS & LSS SERIES PADDLE WHEEL FLOW METERS

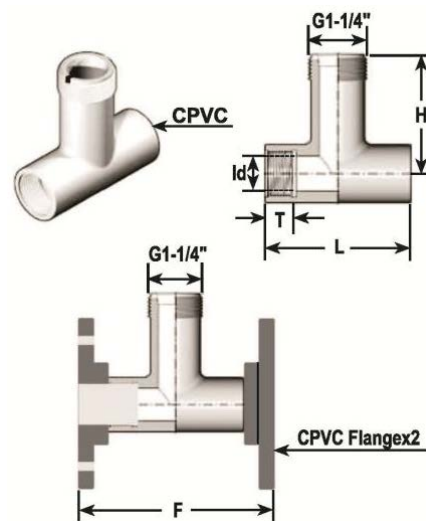
■ CPVC TEE FITTING (SCH80)

MODEL : SLTF-



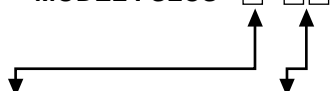
	Type	NO	Size	DN	Id	L	T	H	F	Sensor
A	Tee fitting +ANSI 150 PSI Flanga	10	1"	25	28	102	29	79	164	T0
		12	1-1/4"	30	35	115.5	32	83	185.5	T0
J	Tee fitting +ANSI 150 PSI Flanga	15	1-1/2"	40	43	128	35	83	204	T0
		20	2"	50	54	145.5	38	91.5	221.5	T0
T	Tee fitting	25	2-1/2"	65	65	171	45	98.5	261	T0
		30	3"	80	80	171	45	110	261	T0
	CPVC tee fitting for ASTM SCH80 Pipe	40	4"	100	100	237.5	57	126	333.5	T0

• Unit:mm



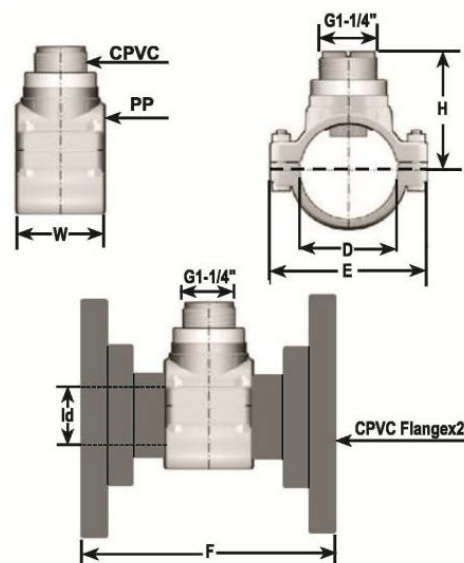
■ CPVC +PP CLAMP SADDLES (SCH80)

MODEL : SLCS -



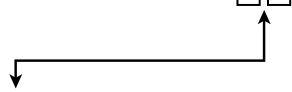
NO	Type	NO	Size	DN	Id	D	E	W	H	F	Sensor
A	CPVC+PP Clamp Saddles +ANSI 150PSI Flange (CPVC)	20	2"	50	48.59	63	108	79	78	171	T0
		25	2-1/2"	65	58.17	75	117	88	81.5	173	T0
C	CPVC+PP Clamp Saddles	30	3"	80	72.75	90	130	98	90	194	T0
J	CPVC+PP Clamp Saddles +JIS 10K Flange (CPVC)	40	4"	100	96.16	110	158	95	100.5	193	T0
		60	6"	150	145.01	160	215	116	127	214	T1

- Unit:mm
- Operating temperature:-22~+212°F(-30~+100°C)
- Note1:SUS304 Bolt and Nut for PP Clamp Saddles
- Note2:SLCS-/CXX (Drilling hole=40mm)



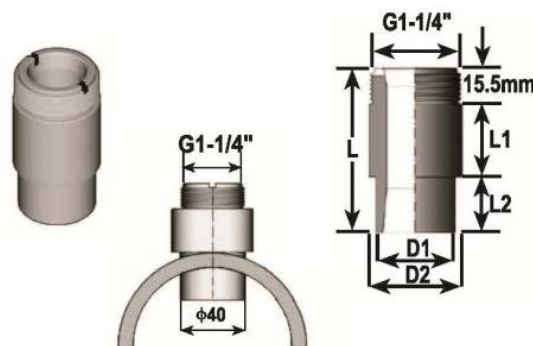
■ CPVC GLUE-ON ADAPTERS

MODEL:SLPG -



NO	Pipe Size (DN)	L	L1	L2	D1	D2	Drilling Hole	Sensor Length
L0	0.5"~4"(15~100)	68.5	43.5	9.5	40	50	40	T0
L1	6"~24"(150~600)	98.5	51	32	40	50	40	T1

- Unit:mm
- Operating temperature:-22~+212°F(-30~+100°C)



- CPVC SOLVENT CEMENT
- MODEL:SLC [Unit:1Pint/case=0.125 Gallon/case(Cement color-Gray)]