

TURCK

Flow Monitors

Stainless Steel Flow Monitors

- Great for water or oil
- IP67
- LED visualization of flow rate
- Great for Stamping Press Lubrication oil Monitoring,

Weld Tip Protection, Pump Run Dry Protection, and other monitoring applications



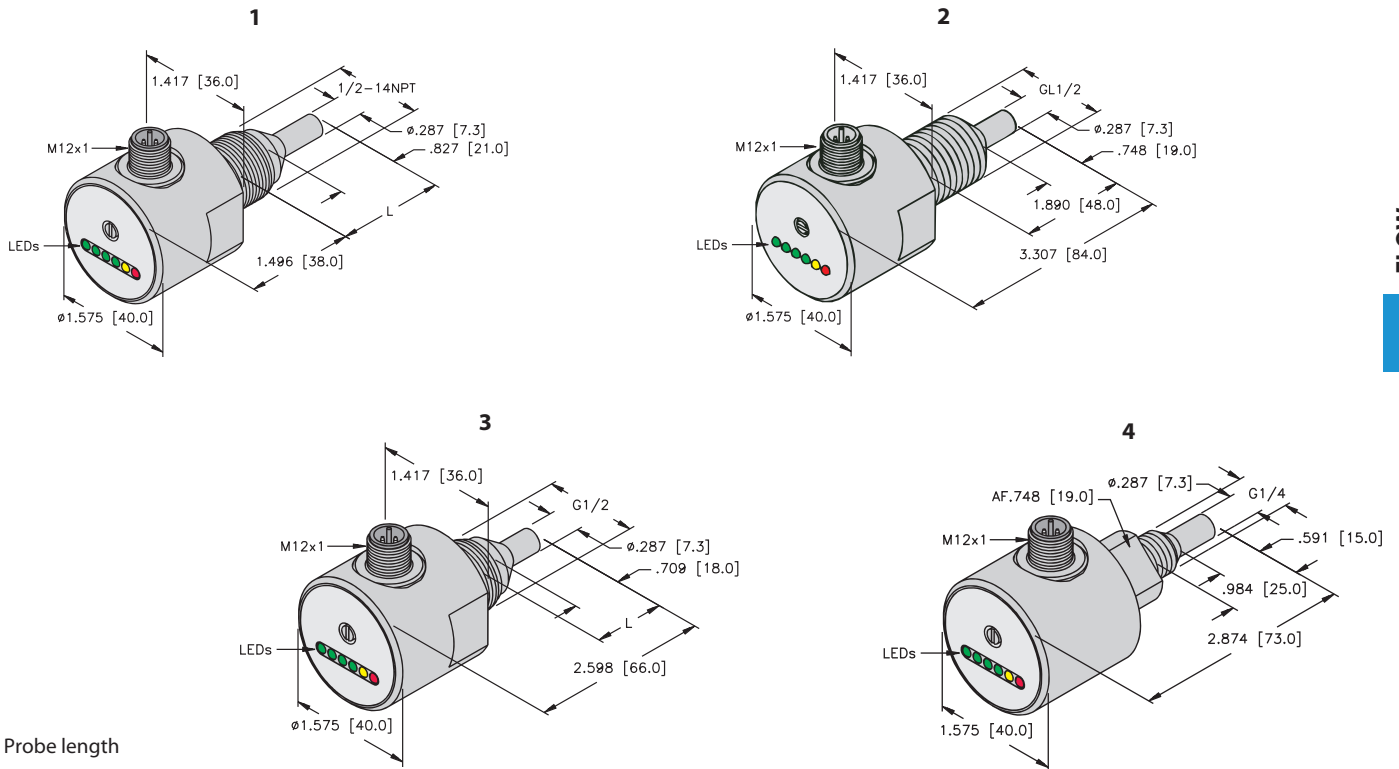
Part Number	Flow Detection Range (cm/s)		Fluid Connection	Output: Flow	Probe Length (mm)	Wiring		
	Water	Oil				Adapter	Drawing	
FCS-N1/2A4-AN8X-H1141	1-150	3-300	1/2" NPT	NPN N.O.	40	2		1
FCS-N1/2A4-AP8X-H1141	1-150	3-300	1/2" NPT	PNP N.O.	40	1		1
FCS-N1/2A4-AP8X-H1141/L060	1-150	3-300	1/2" NPT	PNP N.O.	60	1		1
FCS-N1/2A4-AP8X-H1141/L100	1-150	3-300	1/2" NPT	PNP N.O.	100	1		1
FCS-N1/2A4-ARX-H1140	1-150	3-300	1/2" NPT	Relay N.O.	40	3		1
FCS-GL1/2A4-AP8X-H1141	1-150	3-300	GL 1/2"	PNP N.O.	48	1		2
FCS-G1/2A4-AP8X-H1141	1-150	3-300	G 1/2"	PNP N.O.	30	1		3
FCS-G1/2A4-AP8X-H1141/L080	1-150	3-300	G 1/2"	PNP N.O.	80	1		3
FCS-G1/4A4-AP8X-H1141	1-150	3-300	G 1/4"	PNP N.O.	25	1		4
FCS-G1/4A4-ARX-H1140	1-150	3-300	G 1/4"	Relay N.O.	25	3		4

Specifications:

Electrical	
Operating Voltage	24 VDC +/-10%
Switching Current PNP outputs	400 mA
Switching Current Relay Outputs	1 A at 60 VDC
Current Consumption	70 mA
Environmental	
Protection	IP67
Pressure Rating	1450 PSI
Ambient Temperature	-20 to 70 °C
Media Temperature	-20 to 80 °C
Materials	
Housing	316 Stainless Steel
Cable Connector	303 Stainless Steel
Wetted Parts	316 Ti Stainless Steel
Operational	
Time Delay before Availability	2-15 seconds 8 seconds typical
Response time (DC)	1-15 seconds, 2 seconds typical
Maximum Temperature Change	4.2 °C/second

Flow Monitors

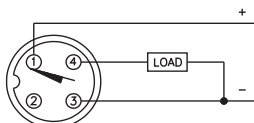
Drawings



FLOW

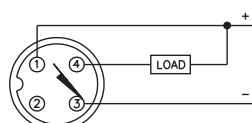
Wiring Diagrams

Diagram 1



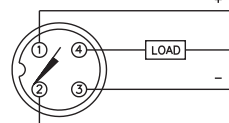
Mating Cordset: RK 4T-*

Diagram 2



Mating Cordset: RK 4T-*

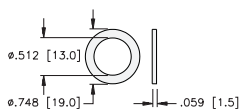
Diagram 3



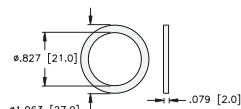
Mating Cordset: RK 4.4T-*

Adapter Options

Additional G 1/4 Gasket
FD-G1/4AFM30/34 (M6875010)



Additional G 1/2 Gasket
FD-G1/2AFM30/34 (M6875013)



Pipe Tee (Stainless Steel)
N1/2-G1/2-SST (A6060)

