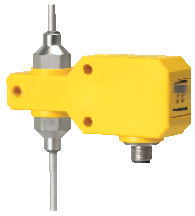
TURCK
Flow Monitors

Flow monitors for Water and Oils

- **IP67**
- **Flow rates as low as 1 ml/min**
- **Great for Stamping Press Lubrication Oil Monitoring, Weld Tip Protection, Pump Run Dry Protection, and other monitoring applications.**



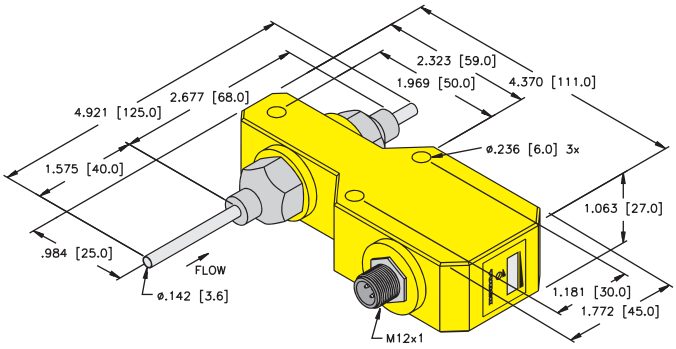
Part Number	Flow Detection Range Water (mL/min)	Flow Detection Range (ml/min) oil	Fluid Connection	Media Temperature (°C)	Output	Pressure Rating (PSI)	Wiring	Drawing
FCI-TCD04A4P-LIX-H1141	1-200	Consult Factory	4 mm Tube	0 to 60	4-20 mA Non-linear Analog	14.5	1	1
FCI-TCD04A4P-AP8X-H1141	1-200	Consult Factory	4 mm Tube	0 to 60	PNP N.O.	14.5	2	1
FCI-TCD04A4P-ARX-H1140	1-200	Consult Factory	4 mm Tube	0 to 60	Relay N.O.	14.5	3	1
FCI-1/4TCD04A4P-LIX-H1141	1-200	Consult Factory	1/4" reinforced tube	0 to 60	4-20 mA Non-linear Analog	145	1	2
FCI-1/4TCD04A4P-AP8X-H1141	1-200	Consult Factory	1/4" reinforced tube	0 to 60	PNP N.O.	145	2	2

Specifications:

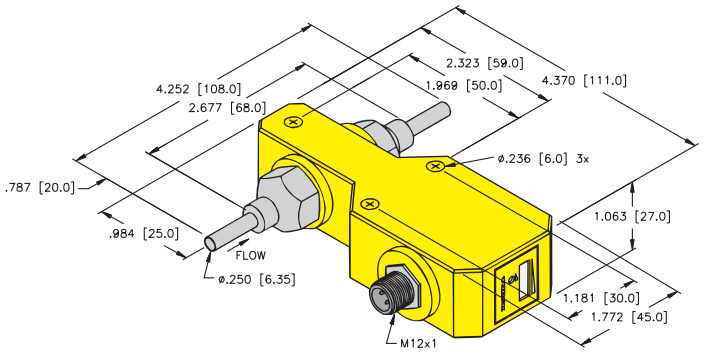
Electrical	
Operating Voltage	21.6-26.4 VDC
Current Consumption	<50 mA
Switching Current PNP outputs	200 mA
Analog Load 4-20 mA outputs	200-500
Switching Current/Voltage Relay Outputs	<1A at 30 VAC, <1A at 36 VDC
Environmental	
Protection	IP67
Ambient Temperature	0 to 60 °C
Materials	
Housing	PBT
Cable Connector	303 Stainless Steel
Wetted Parts:	
Tubing	316 TI Stainless Steel
Time Delay before Availability	5-15 seconds, 8 seconds typical
Response time	0.5-3 seconds
Maximum Temperature Change	6.6 C/second

Drawings

1

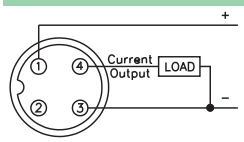


2



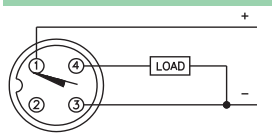
Wiring Diagrams

Diagram 1



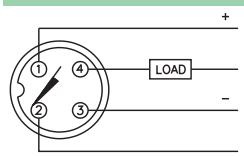
Mating Cordset:
RK 4T-*/S618

Diagram 2



Mating Cordset:
RK 4T-*

Diagram 3



Mating Cordset:
RK 4.4T-*