rheonics

Customer and Requirement Details (Final end-user)

Company Name	
Contact Name	
Address	
City	
State/ Province/ Postcode	
Country	
Telephone	
Email	
Website	
Industry of Operation	Printing and Coating Paper and Packaging Industrial Mixing and Grinding Life Sciences and Medical Food and Beverages Pumping and Pipeline Energy and Hydrocarbons Marine Petrochemical Mining, Minerals and Metals Chemical Investment casting Automotive Others, write in comments below
Application (for using the Rheonics Sensor)	
Additional Comments Brief description about the application, any other requirements specific to the quote • Process fluids viscosity and density range • Operating conditions • Process connection	
Installation Documents List documents sent along with form	
Retrofit Specify the brand model and configuration of the sensor that is replaced	

Sensor ordering options

Product Approvals		
Do you need EX-certified sensor?	No, not needed ATEX IECEx	For ATEX certified, specify:

For ATEX certified:

Install location	
Language	

Process fluid parameters to measure with SRD	Density only Density and Viscosity	

Sensor Quantity	
How many do you need?	

Order Code		Name	Short description
Viscosity range (select one)			
To be filled only if Viscosity option is required. With EX-SRD, only the V1 option is available.			
V1		1 - 3000 cP	Standard calibrated range
V2, specify:		custom	Customer specified calibration range (max. 7,500 cP)
Viscosity Calibration (select one)			
To be filled only if Viscosity option is required.			
STD		Standard calibration	
CUS, specify:		Customer specific calibrations - specify viscosity range and accuracy required	
Density range (select one)			
D1		0.2 - 1.5 g/cc	Standard range (1.5 – 12.5 lb/gal)
D2, specify:		custom	Customer specified range (max. 4 g/cc - 4000 kg/m^3 - 33.4 lb/gal)
Density Calibration (select one)			
DCAL1		0.01 g/cc	Standard calibration accuracy
DCAL2, specify:		0.001 g/cc or better	Customer specific calibrations – specify density range, accuracy required and operational conditions
Electronics (select one)			
E1		SME-TRD	Transmitter housing with display
E2		SME-TR	Transmitter housing with solid cover
E3		SME-DRM	DIN-rail mount housing
Communication (select all)			
Rheonics electronics are pre-configured with the following communication options.			
C1		4-20 mA	3 channels of 4-20 mA analog signal
C2		Modbus RTU	Modbus RTU over RS-485
C3		USB	USB 2.0 compliant service and data acquisition port
Additional FieldBus communication options:			
C4		Ethernet	Ethernet over RJ45 connector
C6		Modbus TCP	Modbus TCP over Ethernet
C7		Ethernet/IP	Ethernet/IP protocol
C8		HART	HART over analog channels
C9		Profinet	Profinet protocol
Only available with the display module (E1) is selected.			
C5		Bluetooth LE 4.0	Bluetooth module for short range wireless communication
Temperature (select one)			
With EX-SRD, the T4 option below is not available and T3 is only up to 185°C			
T1		125 °C (250 °F)	Sensor rated for operation in process fluids up to 125 °C (250 °F)
T2		150 °C (300 °F)	Sensor rated for operation in process fluids up to 150 °C (300 °F)
T3		200 °C (400 °F)	Sensor rated for operation in process fluids up to 200 °C (400 °F)
T4, specify:		Max. operating temp.	Specify your required maximum temperature
Pressure (select one)			
P1		15 bar (200 psi)	Sensor rated for process fluids pressure up to 15 bar (200 psi)
P2		70 bar (1000 psi)	Sensor rated for process fluids pressure up to 70 bar (1000 psi)
P3		200 bar (3000 psi)	Sensor rated for process fluids pressure up to 200 bar (3000 psi)
P4		350 bar (5000 psi)	Sensor rated for process fluids pressure up to 350 bar (5000 psi)
P5		500 bar (7500 psi)	Sensor rated for process fluids pressure up to 500 bar (7500 psi)
Process Connection (select one)			
X1	¾" NPT G ½"	Threaded	Threaded process connection
X2	EHEDG certified version	Flange	Flange adapter, specify DN: PN:
X3	EHEDG certified version	Tri-clamp	Tri-Clamp flange, specify size:
X4	EHEDG certified version	Hygienic	Specify Hygienic connection required:
X5	EHEDG certified version	Custom long insertion probe	Long insertion probe, specify: Insertion length (A): mm Process connection (B): Norm: Size:

Sensor Cable (select one)		
5m (15ft)	Cable for connecting sensor to transmitter	
10m (30ft)	Cable for connecting sensor to transmitter	
30m (90ft)	Cable for connecting sensor to transmitter	
Custom	Specify size	

Accessories (Check online at https://rheonics.com/product-accessories/ for full list of accessories available)	
EZB-03X	Barriers for EX sensor (automatically added for EX sensor)
IFC-15T	Inline adapter for 1.5" Tri Clamp sensor
IFC-34N	Inline adapter for ¾" NPT sensor
IMS-SR	Impact shield for sensor probe
SCC-SRX	Calibration cylinder
SCS-00A	Calibration stand
SFP-SRX	FPC protective sleeve
SPS-SRX	Protective sleeve for sensor
SR-34N-PS	Protective sleeve for ¾" NPT sensor when not in operation
SR-M12-CP	Protective cap for M12 connector when not in operation
STCM-STD	SRV & SRD thermal control module
TMA-34N	Tank mount adapter
TMB-TRX	Mounting bracket for E1 & E2 transmitter housings
THX-SS	Stainless Steel transmitter housing
WOL-34NS	¾" NPT sensor weldolet for 2" pipes
WOL-34NL	¾" NPT sensor weldolet for pipes bigger than 2" or tanks

Additional Configuration Request

Send photos, P&ID, drawing, model of the expected installation to get feedback from our Support Team, include a description in the document sent or in the box below.