

Customer and Requirement Details (Final end-user)

Company Name															
Contact Name															
Address															
City															
State/ Province/ Postcode															
Country															
Telephone															
Email															
Website															
Industry of Operation	<table border="0"> <tr> <td>Printing and Coating</td> <td>Paper and Packaging</td> </tr> <tr> <td>Industrial Mixing and Grinding</td> <td>Life Sciences and Medical</td> </tr> <tr> <td>Food and Beverages</td> <td>Pumping and Pipeline</td> </tr> <tr> <td>Energy and Hydrocarbons</td> <td>Marine</td> </tr> <tr> <td>Petrochemical</td> <td>Mining, Minerals and Metals</td> </tr> <tr> <td>Chemical</td> <td>Investment casting</td> </tr> <tr> <td>Automotive</td> <td>Others, write in comments below</td> </tr> </table>	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
Printing and Coating	Paper and Packaging														
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Automotive	Others, write in comments below														
Application (for using the Rheonics Sensor)															
Additional Comments															
<p>Brief description about the application, any other requirements specific to the quote</p> <ul style="list-style-type: none"> • 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:		
		<table border="1"> <tr> <td>Install location</td> <td>_____</td> </tr> <tr> <td>Language</td> <td>_____</td> </tr> </table>	Install location	_____
Install location	_____			
Language	_____			
Do you need a Hygienic-certified probe?	No, not needed EHEDG 3-A			
Process fluid parameters to measure with SRD	Density only Density and Viscosity			

Sensor Quantity				
How many do you need?				
	Order Code	Name	Short description	
Probe Material (select one)				
Sensor probe wetted part				
	SS	Stainless Steel	Standard probe material Stainless Steel 316L (1.4435)	
	C22	Hastelloy C22	Probe material Hastelloy C22 (2.4602) for high-corrosive fluid	
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 (0.0 – 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 and Design Variant (select one)				
	X1	¾" NPT	G½"	Threaded
	X2			Custom Flange
	X3			Tri-clamp
	X4			Flush
				Custom connection, specify Norm, size, etc.:
				Tri-Clamp flange, specify size:
				Custom connection, specify Norm, size, etc.:

X5			Long	Long insertion probe, specify: Insertion length (A): Process connection (B) Norm, size, etc.:	mm
X6			Slimline	Slimline long probe, specify: Insertion length (A): Process connection (B) Norm, size, etc.:	mm
X7			Reactor Probe	Reactor probe, specify: Total length (L): Compression Fitting (B) Size: Material: SS PTFE	mm
X8	-TR with SME adapter	-CG with cable gland end	Teletube	Probe with extension tubes, specify: Total length (L): Process connection (B): Norm: Size:	mm

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

M12 Connection Type (select one)	
Straight	Straight M12 8-pin connector
90° Angled	90° angled M12 8-pin connector

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-34N-SRD	Inline adapter for 1.5" Tri Clamp sensor
IFC-34N-SRD	Inline adapter for 3/4" NPT sensor
IMS-SR	Impact shield for sensor probe
SCC-SRX	Calibration cylinder
SCS-00A	Calibration stand
SPS-SRX	Protective sleeve for sensor
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	3/4" NPT sensor weldolet for 2" pipes
WOL-34NL	3/4" NPT sensor weldolet for pipes bigger than 2" or tanks
HAW-12G-MTK	G1/2" Hygienic weldolet with metal seal for thick walls
HAW-12G-OTK	G1/2" Hygienic weldolet with O-ring seal for thick walls
HAW-12G-MTN	G1/2" Hygienic weldolet with metal seal for thin walls
HAW-12G-OTN	G1/2" Hygienic weldolet with O-ring seal for thin walls
FET-XXT-XXT	Tri-Clamp flow elbow tee - Size:
FTP-15T-XXX	Tri-Clamp spool piece with 1.5" Tri-Clamp probe port - Size:
APC	Adjustable Process Connector for adapting probes to changing process mounting.
WFT-15T	Tri-Clamp 1.5" Ferrules for Rheonics Type-SR -X3 and -HS-X3 sensor probes

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.