CONFIGURATION SHEET

FLOWSIC600-XT

THE PERFECT MATCH

Gas flow meters

SICK
Sensor Intelligence.

CUSTOMER CONTACT INFORMATION

*Mandatory fields for technical quotation.

Name*			
Company*		Department	
E-mail*		Phone	
Street		Country	Please select
City		Zip code	

PROJECT INFORMATION

Project name*			
Quantity (pieces)		Tag no.	
Requested date of delivery (DD.MM.YYYY)		Planned installation date* (DD.MM.YYYY)	
Final destination*	Please select		
Kind of inquiry	Please select		

FLOWSIC600-XT GAS METER

Application/Device type

Meter variant /Path Layout*	Please select		
Metrological approval*	Please select		
Application/Type of gas*	Natural gas		
Wet gas	☐	Wet gas content	
Gas composition			
Corrosive environment/Offshore	☐		

Other scope of delivery / Comments and Notes	

NEXT

FLOWSIC600-XT GAS METER (CONT.)

Operating Conditions and Design parameters

Flow range (a.c.) [m^3/h]*	Q_{min}	Q_{norm}	Q_{max}
Flow range (s.c.) [m^3/h] $T_{Reference}$ = 273.15 K / 0 °C $p_{Reference}$ = 1.01325 bar (a)	Q_{min}	Q_{norm}	Q_{max}
Pressure [bar (g)]	p_{min}	p_{norm}	p_{max}
Gas temperature [°C]	T_{min}	T_{norm}	T_{max}
Design pressure [bar (g)]*	p_{max}		
Design temperature [°C]*	T_{min}		T_{max}
Ambient temperature [°C]	T_{min}		T_{max}

Pressure regulator: Please select

If yes, please inform about type and installation (isometric drawing)

Meter body

Nominal size*: Please select — Length (Flange to flange): Please select

Material*: LT-CS (P355QH1 / ASTM A350 Gr.LF2)

Flange pressure rating*: Please select — Flange standard: Please select

Flange face: Please select

Pipe connection diameter: Please select (Schedule) or [mm]

Tapered bore/Full bore: Tapered Bore (Standard)

Painting meter body: SICK Standard White (RAL 9003)

Internal nickel plating: No

Cleaning procedure: Oil and grease free ☐ — Pressure tapping: Please select

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SPU / Sensor type

Exchangeable under operating conditions	☐	Ex-approval	Please select
EX protection*	Please select		
Explosion group*	IIA		
I/O configuration	Please select		
Integrated EVC	☐	EVC algorithm	Please select
Back-up battery	☐	Integrated p/T sensor	☐
Connection terminal	Please select	Cable entry	Please select
Unit system	Please select	SPU sun protection	☐

Meter body testing

Test pressure leakage test [bar(g)]	Please select		
Hold time leakage test	Please select	Test medium leakage test	Please select
Test pressure hydrostatic test [bar(g)]	Please select		
Hold time hydrostatic test	30 Min. (SICK Standard)	Material test certificate 3.2 EN 10204	☐

Flow calibration

Calibration method*	Please select		
Calibration parameters*			
	$p_{Calibration}$ [bar (g)]	Q_{min} [m³/h]	Q_{max} [m³/h]
Flow direction*	Please select		
Test points according to	Please select		
Adjustment method	Please select	Customer participation	☐
Calibration setup	Please select		
Equipment provided by	Please select	Please select	Please select
	Inlet pipe	Outlet pipe	Flow conditioner

Accessories

Corrosion protection set	☐
Transducer extraction tool	☐
Service adapter USB-Infrared	☐
Intrinsically safe power supply	☐

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SICK AT A GLANCE

SICK is a leading manufacturer of intelligent sensors and sensor solutions for industrial applications. With more than 7,500 employees and over 50 subsidiaries and equity investments as well as numerous representative offices worldwide, we are always close to our customers. A unique range of products and services creates the perfect basis for controlling processes securely and efficiently, protecting individuals from accidents and preventing damage to the environment.

We have extensive experience in various industries and understand their processes and requirements. With intelligent sensors, we can deliver exactly what our customers need. In application centers in Europe, Asia and North America, system solutions are tested and optimized in accordance with customer specifications. All this makes us a reliable supplier and development partner.

Comprehensive services round out our offering: SICK LifeTime Services provide support throughout the machine life cycle and ensure safety and productivity.

For us, that is “Sensor Intelligence.”

Worldwide presence:

Australia, Austria, Belgium/Luxembourg, Brazil, Czech Republic, Canada, China, Denmark, Finland, France, Germany, Great Britain, Hungary, India, Israel, Italy, Japan, Mexico, Netherlands, Norway, Poland, Romania, Russia, Singapore, Slovenia, South Africa, South Korea, Spain, Sweden, Switzerland, Taiwan, Turkey, United Arab Emirates, USA

Detailed addresses and additional representatives → www.sick.com

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