

Customer: _____ Order number: _____ Date: _____

Feature		Configuration (Defaults are marked in bold)	
Basic device	Customer specification	☐ standard	☐ according to separate defined customer specification
	Destination/country	☐ EU	☐ Germany ☐ _____
	Language used in device	☐ English	☐ German ☐ French
	Parameterisation	☐ standard	☐ according to customer spec. (delivery until enabled by customer)
	Ex Certification	☐ use in Ex zone 2 or outside Ex zone (internal power supply possible) ☐ use in Ex zone 1 (according to ATEX approval)	
	Compressibility	☐ S-GERG-88	☐ fixed value: _____
	Calculation method (K value mode)	☐ AGA-NX19 ☐ AGA8 GC 1 ☐ AGA8 GC 2 ☐ AGA-NX19 Herning & Wollowski ☐ AGA8-DC92	
	Difference to time base	☐ _____ hours to UTC (GMT)	
	Protocol	☐ IEC 62056:21 / Modbus / DLMS (Low level security) ☐ DLMS High-Level Security (IEC 62056:21 and Modbus protocol deactivated)	
	Certification Data Log	☐ active (changes possible) ☐ inactive (no changes possible)	
	Begin of day	☐ 6 o'clock	☐ _____ o'clock (note in production text)
	Error curve correction	☐ inactive	☐ active (with additional costs)
Number of device batteries	☐ 2 batteries ☐ 4 batteries (not with internal power supply)		
Customer	Owners label	☐ no	☐ yes, acc. to customer spec; type: _____
	Additional information		
Test	Calibration / Test	☐ MID → for all countries which belong to the EU ☐ factory checked → for all other countries ☐ function checked → without calibration of the sensors	
Installation	Housing option	☐ standard housing (IP65)	☐ enhanced outdoor housing
	Mount of device	☐ wall mounted	☐ EK280 factory mounted on a meter
	Mounting options	(does not apply to wall mounting)	☐ index head S1 ☐ mounting plate MI-2 ☐ use with Encoder index
	Connected to Encoder index	☐ yes ☐ no	(for operation with Encoder index in battery powered mode four device batteries are necessary)
	Pulse input cable (input 1)	☐ without cable	☐ 0.7m cable ☐ 2.7m cable
	Cp value (input 1)	☐ 1 pulse / m³	☐ _____ pulses / m³
	Add. input cable (input 2)	☐ without cable	☐ 0.7m cable ☐ 2.7m cable
Cp value (input 2)	☐ 1 pulse / m³	☐ _____ pulses / m³	

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Pressure sensor 1 / 2	Sensor 1 (int. / ext.; for conversion)	Assembly	☐ internal ☐ external; cable length: 10 m (also for temperature sensor)	
		Pressure ranges (absolute)	☐ 0.7 – 2.0 bar a ☐ 4.0 – 20.0 bar a ☐ 14.0 – 70.0 bar a ☐ 0.8 – 5.0 bar a ☐ 8.0 – 40.0 bar a ☐ 16.0 – 80.0 bar a ☐ 2.0 – 10.0 bar a ☐ other pressure ranges available on request	
	Base Pressure		☐ 1.01325 bar ☐ _____	
	Unit for pressure		☐ bar ☐ psi ☐ kPa ☐ MPa	
	Sensor 2 *1 (external; for monitoring)	Pressure ranges (absolute)	☐ 1.4 – 7.0 bar ☐ 4.0 – 20.0 bar ☐ 16.0 – 80.0 bar (other pressure ranges available on request)	
(relative)		☐ 1.4 – 7.0 bar r ☐ 4.0 – 20.0 bar r ☐ 16.0 – 80.0 bar r		
T-Sensor 1/2	T-Sensor 1 – cable length		☐ 2.5 m ☐ 10 m	
	Option: Temp. sensor 2 *1		☐ no 2nd sensor ☐ yes; cable length: ☐ 2.5 m ☐ 10 m	
	Unit for temperature		☐ °C ☐ °F	
	Base Temperature		☐ 273.15 K = 0°C ☐ 288.15 K ☐ 293.15 K ☐ _____ K	
Options (extra charge)	Communication module (mounted inside EK280)		☐ GSM/GPRS-Modem iCM280-2G ☐ UMTS-Modem iCM280-3G ☐ no module ☐ Ethernet-Module iCE280 PoE *2	
	SIM card by customer		☐ no SIM card ☐ SIM card provided by customer	
	Antenna		☐ Housing antenna ☐ external 3 m ☐ external 5 m ☐ external 10 m	
	Internal power supply		☐ yes (input voltage: 90...230 VAC); ☐ no (only usable in Ex zone 2 or outside hazardous area)	
	Additional modem batteries		☐ no batteries ☐ two batteries (additional option for mains operation)	

*1: In battery-operated mode, four device batteries are necessary for the second pressure or temperature sensor

*2: Only possible to use in Zone 2. Please check if the network supports PoE, if not the internal power supply unit is needed in addition.

Default options are marked in bold; please mark the desired options!

Project / Customer reference / Comments:

Customer Address: _____

Contact person : _____

Phone: _____ E-Mail: _____