

Order form for explosion-proof actuator controls AUMATIC AExC 01.2

Order no.:

Order date:

Delivery date: _____

Delivery address: _____

Project:

Code:

Shipment:

Forw. agent:

Sea freight

Air freight

Quantity: _____ **AExC 01.2** for version with fieldbus interfaces, refer to separate form
Basic price: _____

Ordering code	Euro/unit
AExC 01.2	_____

Explosion protection:

ATEX-II2G Ex de IIC T4

Supply voltage [V/Hz]:

3-phase AC current

400/50 220/50 230/50 240/50 380/50

415/50 440/60 460/60 480/60 500/50

Special: _____

Control voltage

Internal supply of electronics with 24 V DC

External supply of electronics with 24 V DC

A10.01

A10.02

Auxiliary voltage output

24 V DC, max. 100 mA for supply of the control inputs

115 V AC, max. 30 mA for supply of the control inputs

A30.01

A30.02

Switchgear:

Reversing contactors:

For power class A1

For power class A2

For power class A3

B00.01

B00.02

B00.03

Thyristor unit instead of reversing contactors for supply voltage up to 500 V, recommended for a high number of starts

For power class B1/B2

B20.04

Motor protection:

Thermal overload relay (only in combination with thermostats in the motor)

PTC tripping device (standard for ATEX-IIC)

C10.01

C20.01

I/O interface

Input signals

OPEN, STOP, CLOSE, EMERGENCY

MODE, OPEN, STOP, CLOSE, EMERGENCY

In combination with adaptive positioner

OPEN, STOP, CLOSE, EMERGENCY, Interlock OPEN, Interlock CLOSE

In combination with failure function Interlock (enable operation commands)

OPEN, STOP, CLOSE, EMERGENCY, Enable LOCAL

In combination with failure function Enabling local controls

Self-retaining REMOTE with without

R00.01

R00.02

R00.04

R00.06

Control voltage (potential-free)

24 V DC

115 V AC

115 V DC

48 V DC

60 V DC

E00.01

E00.02

E00.03

E00.04

E00.05

Positioner

Adaptive positioner with 0/4 – 20 mA input for position setpoint

0 – 20 mA **4 – 20 mA** 20 – 0 mA 20 – 4 mA

F10.01

Process controller PID

Process controller PID with adaptive positioner, 0/4 – 20 mA inputs

for process set point and actual process value

Incl. EMERGENCY input and MODE input for change-over between analogue and digital controls

0 – 20 mA **4 – 20 mA** 20 – 0 mA 20 – 4 mA

F20.01

Position feedback signal:

0 – 20 mA **4 – 20 mA** 20 – 0 mA 20 – 4 mA

Torque feedback signal (only if actuator is equipped with an MWG)

0 – 20 mA 4 – 20 mA

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	Ordering code	Euro/unit
I/O interface		
Output contacts		
<input type="checkbox"/> 5 potential-free NO contacts with one common (max. 250 V AC, 1 A), 1 potential-free change-over contact (max. 250 V AC, 5 A)	H00.01	
<input type="checkbox"/> 5 potential-free change-over contacts with one common (max. 250 V AC, 1 A), 1 potential-free change-over contact (max. 250 V AC, 5 A)	H00.02	
<input type="checkbox"/> 5 potential-free change-over contacts without common (max. 250 V AC, 5 A), 1 potential-free change-over contact (max. 250 V AC, 5 A)	H00.03	_____
<input type="checkbox"/> 10 potential-free NO contacts with one common (max. 250 V AC, 1 A), 2 potential-free change-over contacts without common (max. 250 V AC, 5 A)	H10.01	_____
<input type="checkbox"/> 10 potential-free change-over contacts without common (max. 250 V AC, 5 A)	H10.02	_____
Output signals (output contact assignment)		
<input type="checkbox"/> End position CLOSED, end position OPEN, selector switch in REMOTE, torque fault in CLOSE, torque fault in OPEN, collective fault signal	S00.01	
Failure functions		
<input type="checkbox"/> Enabling local controls	J00.01	_____
<input type="checkbox"/> Interlock (enabling operation commands)	J00.02	_____
<input type="checkbox"/> EMERGENCY STOP push button (latching)	J10.01	_____
Tripping in end position CLOSED Tripping in end position OPEN		
<input type="checkbox"/> Limit <input type="checkbox"/> Torque	<input type="checkbox"/> Limit <input type="checkbox"/> Torque	
Local controls:		
Self-retaining LOCAL <input type="checkbox"/> with <input type="checkbox"/> without		
Operation elements		
<input type="checkbox"/> LOCAL - OFF - REMOTE; OPEN, STOP, CLOSE, RESET, display, Bluetooth	L00.01	
Indication lights		
<input type="checkbox"/> 6 programmable indication lights, default configuration: End position CLOSED (yellow), torque fault OPEN (red) motor protection tripped (red), torque fault OPEN (red), end position OPEN (green), Bluetooth (blue)	L10.01	
<input type="checkbox"/> 6 programmable indication lights, default configuration: End position CLOSED (green) torque fault CLOSE (blue), torque fault OPEN (yellow), motor protection tripped (white), end position OPEN (red), Bluetooth (blue)	L10.02	_____
Electrical connection:		
Ex-plug/socket connector with screw-type terminals (KP/KPH)		
<input type="checkbox"/> 1 x M20 x 1,5; 1 x M25 x 1,5; 1 x M32 x 1,5	KP-105	
<input type="checkbox"/> 1 x M20 x 1,5; 2 x M25 x 1,5; 1 x M32 x 1,5	KH-148	_____
<input type="checkbox"/> 1 x Pg 13,5; 1 x Pg 21; 1 x Pg 29	KP-003	_____
<input type="checkbox"/> 1 x Pg 13,5; 2 x Pg 21; 1 x Pg 29	KH-026	_____
<input type="checkbox"/> 1 x ½" NPT; 2 x ¾" NPT	KP-080	_____
<input type="checkbox"/> 1 x ¾" NPT; 2 x 1" NPT; 1 x 1¼" NPT	KH-227	_____
<input type="checkbox"/> 2 x G ¾"; 1 x G 1¼"	KP-179	_____
<input type="checkbox"/> 1 x G ¾"; 2 x G 1"; 1 x G 1¼"	KH-228	_____
Ex-plug/socket connector with terminal block (KES)		
<input type="checkbox"/> 1 x M20 x 1,5; 1 x M25 x 1,5; 1 x M32 x 1,5	KS-105	_____
<input type="checkbox"/> 1 x Pg13,5; 1 x Pg21; 1 x Pg29	KS-003	_____
<input type="checkbox"/> 2 x ¾" NPT; 1 x 1¼" NPT	KS-080	_____
<input type="checkbox"/> 2 x G ¾"; 1 x G 1¼"	KS-179	_____
Ex-plug/socket connector with terminal block (KES) in flameproof enclosure – Ex d		
<input type="checkbox"/> 2 x M25 x 1,5; 1 x M32 x 1,5	KS-108	_____
<input type="checkbox"/> 1 x 1"NPT	KS-008	_____
Wiring diagram:		
TPC _____		
TPA _____		
Enclosure protection:		
<input type="checkbox"/> IP68	IP68	
Corrosion protection:		
<input type="checkbox"/> KS; suitable for installation in occasionally aggressive atmosphere with a moderate pollutant concentration	KS	
<input type="checkbox"/> KX; suitable for installation in extremely aggressive atmosphere with a high pollutant concentration	KX	_____
Painting:		
AUMA silver-grey <input type="checkbox"/> Special _____		_____
Temperature version:		
<input type="checkbox"/> -20 °C to +40 °C	N-20-40	_____
<input type="checkbox"/> -20 °C to +60 °C	N-20-60	_____

Note: The respective standard version is printed in **bold letters**

**Order form for explosion-proof
actuator controls AUMATIC ACEXC 01.2**



Solutions for a world in motion

**Ordering
code**

Euro/unit

Name plate:

Language

DE EN FR ES IT USA JA ____

Material

AL A2

Mounted with:

To be supplied separately:

Accessories:

Wall bracket for mounting the AUMATIC separately from the actuator, including plug/socket connector (connecting cable on request)

39.1

	Total price/unit	
	x Unit(s)	
	Total price	