



baelz 373-E65

DESCRIPTION

Motorized linear actuator with emergency stop function and load-dependent limit switches. Available with fail-safe open or closed.

TECHNICAL SPECIFICATIONS

Input signal:	0-10 V or 4-20 mA, 2 or 3-point selectable
Output signal:	0-10 V, burden >2,5 kΩ
Power consumption:	18 VA
Stroke:	40 mm, self-adapting
Set-up:	automatic initialization
Electrical connection:	2 x M20 x 1.5, 1 x M16 x 1.5
Housing:	yellow plastic, silicone-free
Manual operation:	push-button (E65-11) / mechanical (E65-20)
Motor:	brushless DC motor
Ambient conditions:	Temp: -10 ... +55°C Rel. humidity: 0 ... 95%
TÜV approved:	1100 N models TÜV type tested

Aluminum yoke, coupling and fixing screws:
 S21 (standard) - fittings with Ø 10 mm spindle
 S21-L - fittings with Ø 16 mm spindle

Type baelz 373	Weight, approx. (kg)	Power (N)	Actuating speed (mm/min)	Supply voltage	Position feedback	in case of power failure	IP rating
373-E65-D-11-30	5.6	1100	10, 15, 30 adjustable, please specify when ordering. Default: 10	24 V AC 50/60 Hz 24 V DC	10-0 V	extends	IP66 (installation upright)
373-E65-Z-11-30					0-10 V	retracts	
373-E65-D-20-30		2000			10-0 V	extends	
373-E65-Z-20-30					0-10 V	retracts	

Options		
Option	Description	Remarks
2EZ	2 additional travel-dependent limit switches	12...250 V AC, adjustable
Split-Range	Split-range module for setting up sequences	$U_0 = 0...8 V, \Delta U = 3...10 V$
110 V	Power module 110 V AC	plug-in
230 V	Power module 230 V AC	plug-in
MP373-E65-OS	Outdoor version of 373-E65	for temperatures of -10...+55 °C

Please note! Direction of control action depends upon both the actuator and control valve selected! (See illustration, next page)

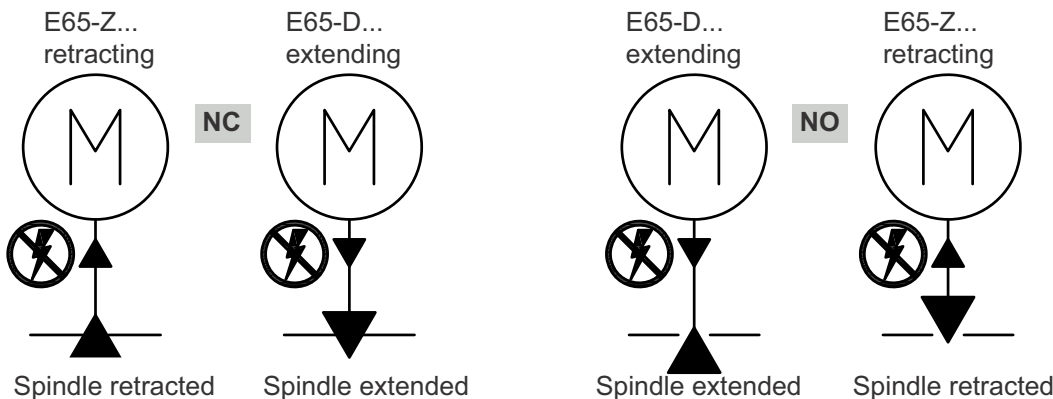
Valve	State of valve with spindle extended	Actuator	Fail-safe function of actuator	Function Valve + Actuator
340-2,...,342-2,...,347-2,..., 353, 354, 365, 367	open	E65-D-11-30... E65-D-20-30...	extending	FSC (fail-safe open)
344, 356, 358, 359, 360, 471, 480, 585, 590, 591	closed			FSC (fail-safe closed)
340-2,...,342-2,...,347-2,..., 353, 354, 365, 367	open	E65-Z-11-30... E65-Z-20-30...	retracting	FSC (fail-safe closed)
344, 356, 358, 359, 360, 471, 480, 585, 590, 591	closed			FSC (fail-safe open)

Output signal can be converted using a buffer amplifier. (Not included in price. Fitting in control cabinet.)

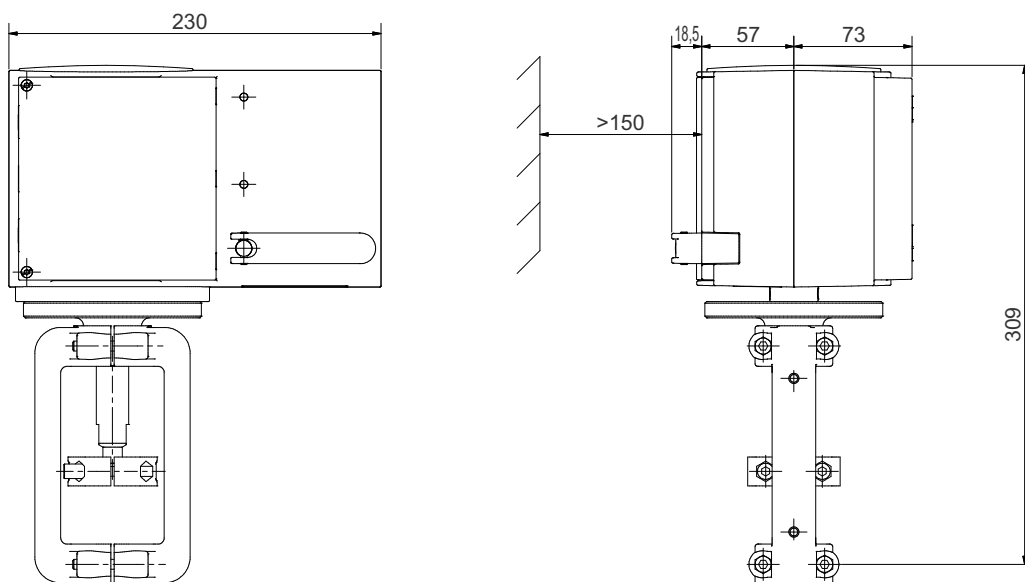
for 373-E65 fail-safe extending (output signal 373-E65 inverted)		for 373-E65 fail-safe retracting	
Baelz type: 6260-8.1invertiert-7.1	0...10 V and 0...20 mA	Baelz type: 6260-8.1-7.1	0...10 V and 0...20 mA
Baelz type: 6260-8.1invertiert-7.2	2...10 V and 4...20 mA	Baelz type: 6260-8.1-7.2	2...10 V and 4...20 mA

NO (normally closed) / FSC (fail-safe closed)

NO (normally open) / FSO (fail-safe open)



Direction of action baelz 373-E65 with control valve

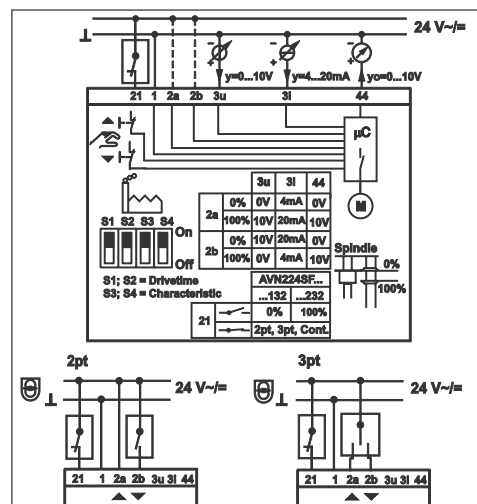
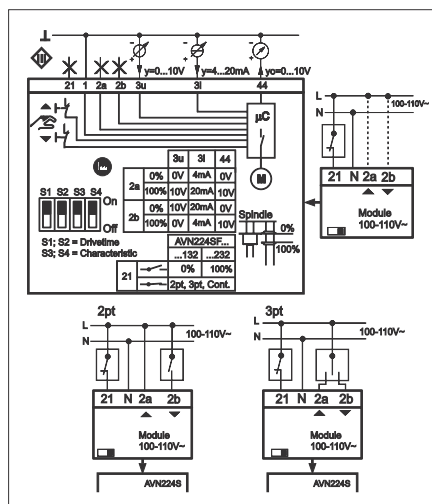
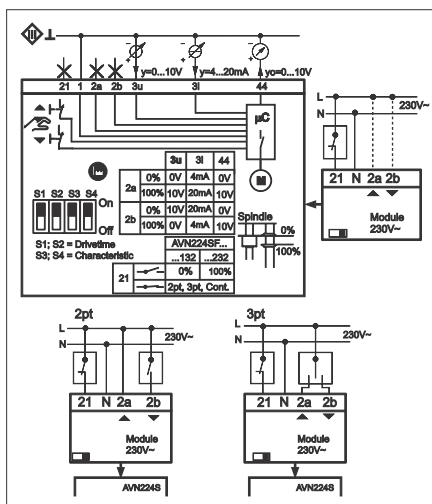


baelz 373-E65 dimensions

230V

110V

24V



baelz 373-E65 wiring diagrams