

## ZSM2300–113290 (Order no. 113290)

### ZSM, + and – buttons, plug connector RC12

- ▶ 3-stage function
- ▶ + and – buttons
- ▶ Plug connector
- ▶ Straight connecting cable, 13 m
- ▶ Plug connector



### 3-stage function

Enabling function is active only in the second stage (center position, actuating point). If the pushbutton is released or pushed further (panic function), the enabling is removed (dependent on the wiring, see function sequence).

### + and – buttons

These pushbuttons can be configured individually. For example, for moving axes in the positive or negative direction.

### Cable

The high-quality connecting cables are available in a straight version.

## Technical data

### Approvals



### Operating and display elements

Item	Color	Extras	Version	Slide-in label	Note slide-in label	Switching element	Number	Designation1	LED
			+ button				1		
			- button				1		

### Electrical connection values

Fuse	max. 2 A gG
Connecting cable	8x0.5 mm <sup>2</sup> + 8x0.14 mm <sup>2</sup> (4x0.5 mm <sup>2</sup> screened + 4x0.5 mm <sup>2</sup> unscreened + 8x0.14 mm <sup>2</sup> unscreened. Outer screen over everything.)
rated conditional short-circuit current	100 A
Rated insulation voltage U <sub>i</sub>	50 V
Rated impulse voltage U <sub>imp</sub>	0.5 kV
Utilization category	<p>DC-13 24V 0.3A (For additional controls)</p> <p>DC-13 30 V 0.1 A (For enabling switch, caution: outputs must be protected with a free-wheeling diode in case of inductive loads)</p>
Switching characteristics	3-stage enabling switch
Degree of contamination (external, according to EN 60947-1)	3

### Mechanical values and environment

Connection type	Plug connector number of pins 12
Number of changeover contacts	3 (Connection as per block diagram)
Storage temperature	-25 ... 70 °C

Cable length

straight 13 m

Mechanical life	1 x 10 <sup>6</sup>
-----------------	---------------------

Switching principle	Snap-action contact element
---------------------	-----------------------------

Degree of protection	IP54
----------------------	------

Ambient temperature	-5 ... 60 °C
---------------------	--------------

Material	PA, CR, TPE (Low PAH)
----------	--------------------------

**Characteristic values according to EN ISO 13849-1 and EN IEC 62061****Enabling switch**

B <sub>10D</sub>	0.1 x 10 <sup>6</sup>
------------------	-----------------------

**Miscellaneous**

in compliance with	60947-5-8
--------------------	-----------