Partnership. With Guarantee.

Electrical position indicator for pneumatic rotary actuators size 52 to 270
Series EBOX01, EBOX02 and EBOX03





Design type	The limit switch boxes are equipped with two potential-free microswitches (changeover contact). Each switch is adjustable separately and wired to terminals. The valve position is indicated by an optical position indicator.
Materials	Housing impact-resistant Vestamid, cover Makrolon or aluminium, mounting table polyamide
Ambient temperature	-25...+85°C

Electrical data:

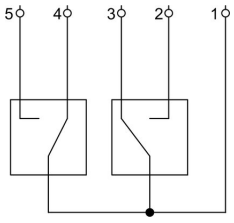
Switching capacities	see table "Technical Data"
Electrical Connection	via terminals, Cable entry M20x1,5
Degree of protection	IP65 according to EN 60529 with correctly installed cable entry (protection against dust ingress and splashing water)
Scope of delivery	Coupling pin and mounting table are included in the delivery scope
Special version	UV-resistant cover, Limit switch box complete, aluminium body, additional microswitches
Adjustment of the microswitches	The switching cams of the microswitches are adjustable after removing the cover and loosening the cam fixing screws. These switching cams must be adjusted so that the respective microswitches are actuated in the open and closed position..

Technical data

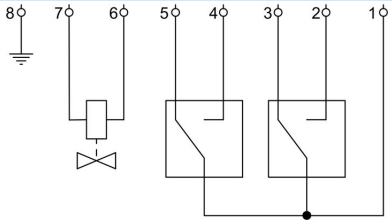
max. switching capacity (Service life 10 ^{5} Circuits)	Switch type	Contact material	Cover material	Weight [approx. kg]	Type
4A/250VAC - 1A/24VDC	Crouzet 83 161 3	Silver-nickel	Makrolon	0,3	EBOX01
100mA/24VDC	Crouzet 83 161 8	Gold (for low currents, PLC)	Makrolon	0,4	EBOX02
4A/250VAC - 1A/24VDC	Crouzet 83 161 3	Silver-nickel	Aluminium	0,6	EBOX03

Terminal diagram

EB0X01



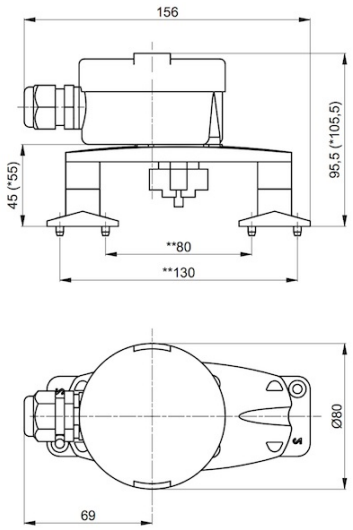
EB0X02 / EB0X03



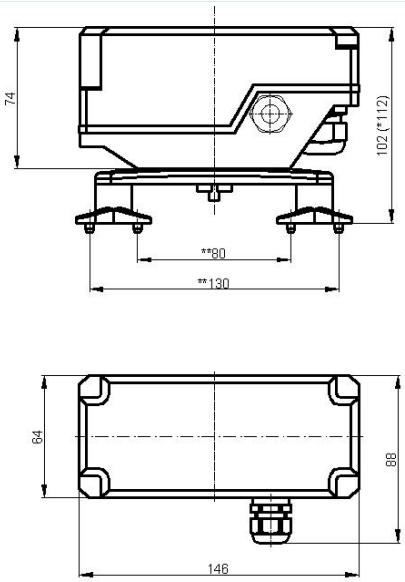
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Dimensions

EB0X01



EB0X02 / EB0X03



Note:	*The dimensions are 10 mm higher for actuators of sizes 115 to 270. **The change of the mounting dimensions is achieved by rotating the feet by 180°.

Illustrations non-binding
Design, dimensional and material changes reserved

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