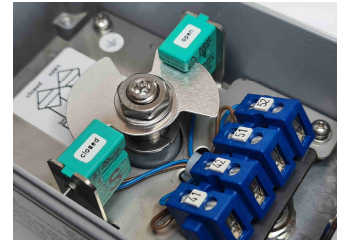
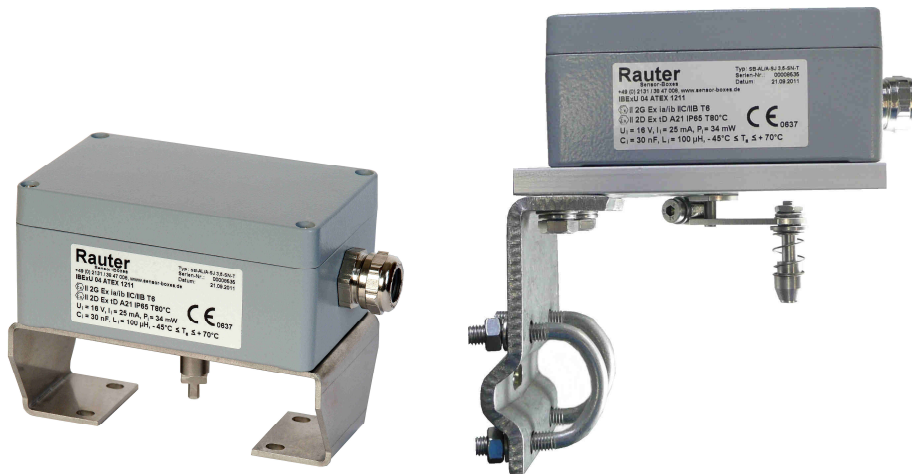


Ex i ... - 45 °C 8 V DC inductive limit switch boxes, zone 1, 2 or 21, 22 for pneumatic rotary- and linear actuators



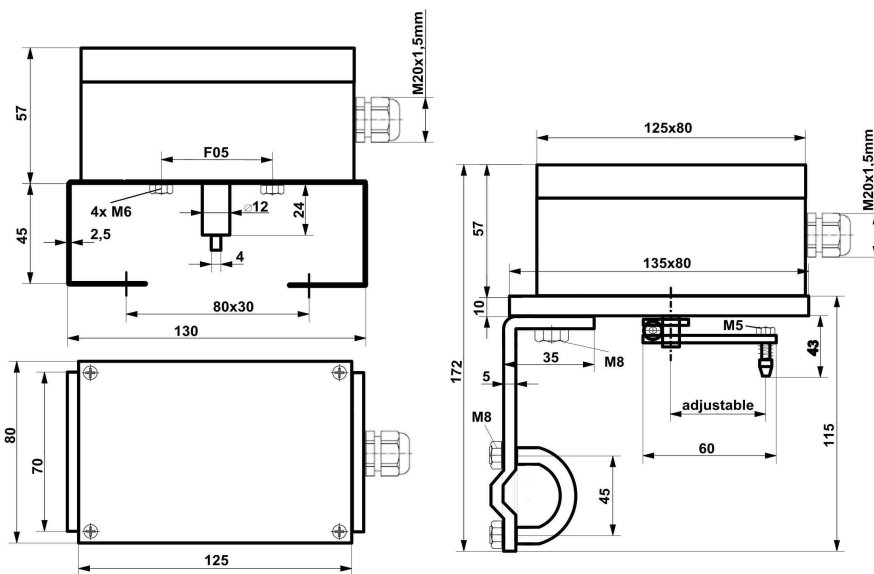
Pepperl+Fuchs sensors:
2x adjustable aluminium switching cams,
0° and 90°, other cams upon request.

technical data limit switch boxes

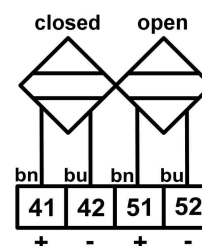
ATEX identification	II 2G Ex ia/ib IIC/IIB T6 Gb II 2D Ex ia/ib IIIC T 80 °C Db
ambient temperature	- 45 °C ≤ T _a ≤ + 70 °C
protection class	IP 65
material housing	AL = aluminium = ALSi-12, grey RAL 7001
dimensions housing	125x80x57mm
cable glands	M20x1,5 mm, brass nickel-plated or stainless steel, clamp range: Ø 14-9 mm and Ø 9-5 mm
mini-terminals	2x 2-pole, maximum 2,5 mm ²
weight without/with bracket	- 0,47 kg/0,5 kg - 0,5 kg/1,49 kg
connection rotary actuator	- acc. to VDI/VDE 3845, steam hight 20, 30 and 50mm, hole spacing 80x30mm and 130x30mm
connection linear actuator	- mounting set a. aluminium plate acc. to IEC 534

technical data limit switches

sensor type	Pepperl+Fuchs SJ 3,5-SN
nominal voltage	8 V DC
nominal current	detected ≤ 1 mA / undetected ≥ 3 mA
switching frequency	0 ... 3000 Hz
switching range	0° + 90°, 0° + 180° or adjustable
output wire	2-wire
switching function	NAMUR normally closed = NC
output polarity	safety function
acc. to IEC 61508	usable up to SIL3



dimensions



wiring diagram