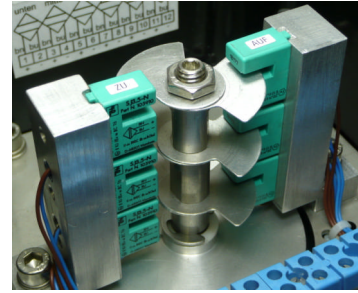


RAUTER

Sensor-Boxes

Ex 8V box, safety limit switch box for zone 1, 2 + 21, 22



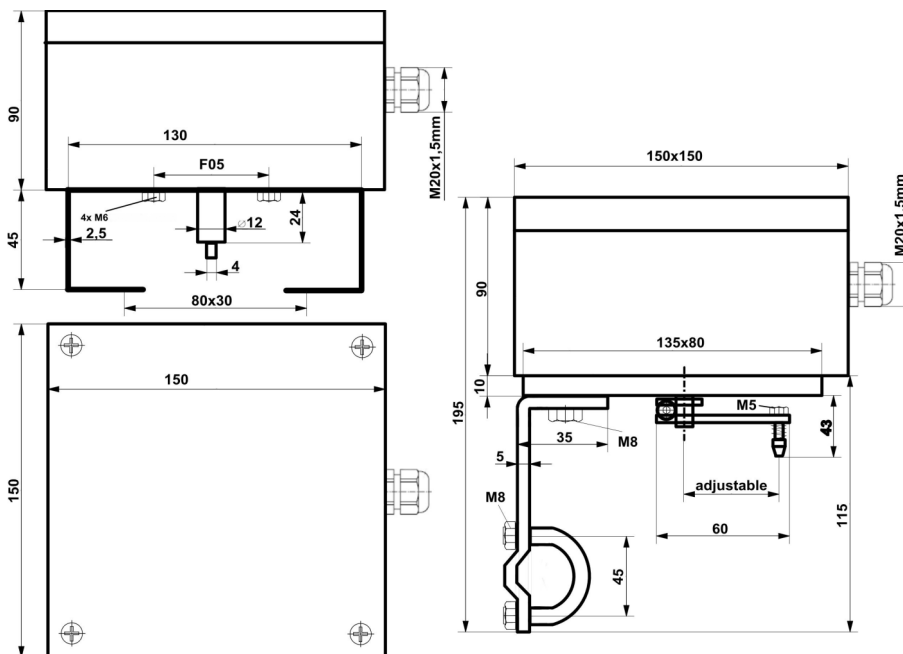
Pepperl+Fuchs limit switches: 2 - 6x available

technical data limit switch box

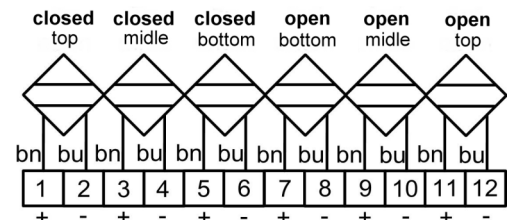
ATEX identification	II2G Ex ia/ib IIC/IIB T6 II2D Ex tD A21 IP65 T80°C
temperature range	- 25°C ≤ T _a ≤ + 70°C
protection class	IP 65
material housing	PE = polyester black, R _o ≤ 10 ⁹ Ω, RAL 9005
dimensions housing	150x150x80mm
cable gland	M20x1,5mm plastic blue/black, Ø 13-5,5 mm
weight without bracket	1,8 kg
option	membrane vent for avoidance of condensation water
bracket connection	F05 slot
actuator connection	- acc. to VDI/VDE 3845, steam height: 20, 30 and 50mm, hole spacings 80x30 and 130x30 mm - mounting set f. linear actuators acc. to IEC 534

technical data limit switches

Pepperl+Fuchs sensor types	1) SJ 3,5-N 2) SC 3,5-N0 3) SJ 3,5-SN 4) SJ 3,5-S1N
nominal voltage	8V DC
nominal current 1)-3) nominal current 4)	detected ≤ 1mA / undetected ≥ 3mA detected ≥ 3mA / undetected ≤ 1mA
switching range	0° + 90°, 0° + 180° or adjustable
output wire	2-wire
switching function	NAMUR NC 1)-3) NAMUR NO 4)
output polarity	NAMUR 1)+2) safety function 3)+4)
acc. to IEC 61508	usable up to SIL2 1)+2), SIL3 3)+4)



dimensions



wiring diagram: 3x closed and 3x open