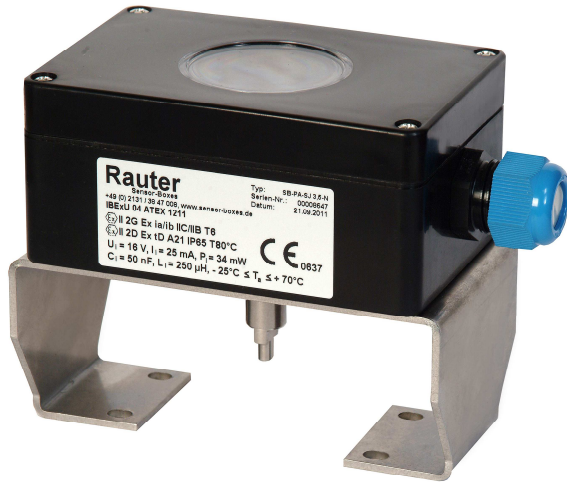


RAUTER

Sensor-Boxes

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



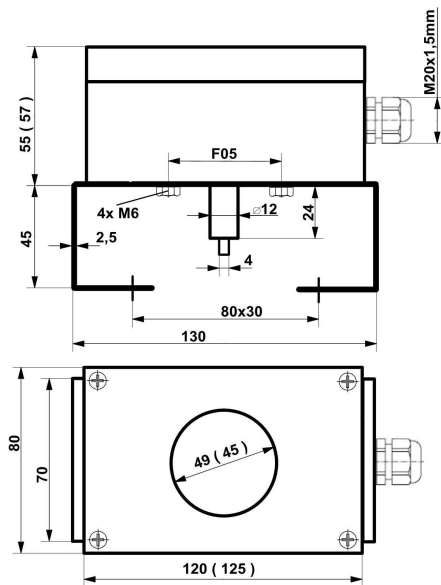
Pepperl+Fuchs SJ 3,5-N

technical data limit switch box

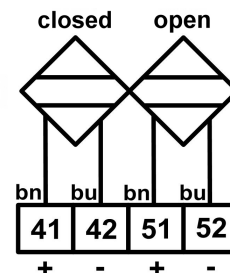
ATEX identification	<p>Ex II 2G Ex ia/ib IIC/IIB T6</p> <p>Ex II 2D Ex ia/ib IIIC T80°C</p>
temperature range	- 25°C ≤ T _a ≤ + 70°C
protection class	IP 65
material housing	PA = polyamide black, R _o ≤ 10 ⁹ Ω, RAL 9005
dimensions housing	120x80x55mm
cable gland	M20x1,5mm plastic blue./black, Ø 13-5,5 mm
weight without bracket	0,3 kg
options	<ul style="list-style-type: none"> - cover with window or closed cover - 2D indicator yellow - membrane vent for avoidance of condensation water - Harting connection = rapid changing the box
bracket connection	F05 slot
actuator connection	acc. to VDI/VDE 3845, stem height: 20, 30 and 50mm, for hole spacings 80x30 and 130x30 mm

technical data limit switches

sensor type	Pepperl+Fuchs SJ 3,5-N
nominal voltage	8V DC
nominal current	detected ≤ 1mA / undetected ≥ 3mA
switching frequency	0 ... 3000Hz
switching range	0° + 90°, 0° + 180° or adjustable
output wire	2-wire
switching function	NAMUR, normally closed = NC
output polarity	NAMUR
acc. to IEC 61508	usable up to SIL2



dimensions



wiring diagram