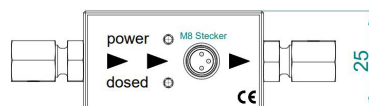
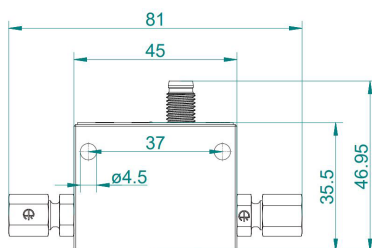


The lubrication point control sensor allows a comfortable and clear identification if the lubricant, which was metered by the dose valve, was pumped to the lubrication point. Every lubricant stroke of the dose valve - yet from a quantity of 5 mm³ - is indicated by a light emitting diode. In addition to that the impulse can be relayed to the control unit of the machine as a handshaking signal. The sensor reacts apart from lubrication control to interferences, e.g. breakage of the lubrication line, trapped air or plugging.

Technical data

ascertainable doses	for oil: $\geq 10 \text{ mm}^3$
pulse frequency	max. 1 impulses/sec.
Media	oil
working pressure	max. 50 bar
working temperature range	-20 bis +70°C
case measures	h=25 / w=45 / d=35 mm
case material	anodized aluminium (AlMgSi1 E0/EV1)
fitting	2 drilling for screws M 4
pipe connection	tube fitting $\varnothing 4 \text{ mm}$
installation	directly into the lubrication line
fitting position	optional, for small outputs particularly vertical in flow direction
protection class	IP 67 with cable coupling 2.15 18.1 or 2.15 19.1
power supply	12 ... 24 V DC
rated voltage	24 V DC
rated voltage	PNP - shutter
output current	max. 200 mA (short circuit proof)
output pulse extension	$\geq 50 / \leq 60 \text{ ms}$
current consumption	ca. 4 mA bei 24 V
funktion indicator	LED green = operating voltage LED yellow = lube impulse
connection	connector M 8x1
pin assignment	1 (br) + / 3 (bl) - / 2 (sw) Output



denomination	type	item no.
control sensor TEKA flow	(q.v. tech. data)	2.15 65.1
accessories cable coupling with splashed line and engaging sleeve nut	with angular connector with 5,0 m of cable	2.15 18.1
	with straight connector with 5,0 m cable	2.15 19.1

