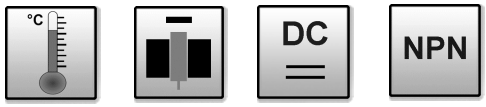
article number **IN991197**
design **M32 x 1.5**

sensing range non-flush **13mm**

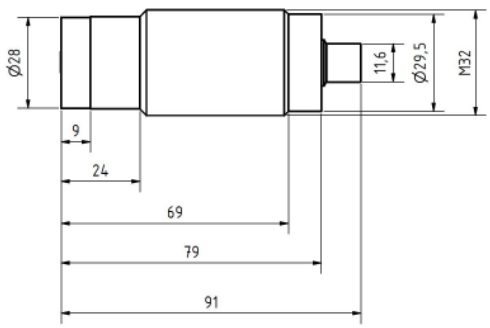
- ✓ **housing made of stainless steel**
- ✓ **front cap made of vectra®**
- ✓ **external amplifier**
- ✓ **short-circuit and reverse polarity protection**
- ✓ **lemo-connector**

usable up to 230 °C



technical data

sensing range S_n	13mm
mounting	non-flush
operating voltage U_B	via amplifier IV991196
output signal	NPN
output current (max. load)	2.1mA
real sensing range S_r	$s_n \pm 20\%$
hysteresis	3% … 20% of S_n
status display	no
ambient temperature	-25°C… +230°C
system of protection (EN 60529)	IP50 (with mounted cable socket)
housing material	stainless steel
front cap material	vectra®
connection	lemo-connector
correction factors	stainless steel approx.. 0.7 / Ms, Al approx.. 0.4 / Cu approx.. 0.3
connection accessories	VK991198 (Teflon, 2-wire, 30m cable length)



Warning: Never use these devices in applications where the safety of a person depends on their functionality!

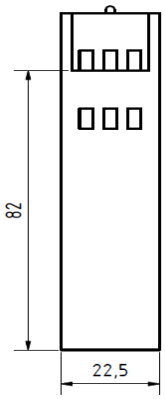
inductive sensors

high-temperature

article number **IV991196**
design **22.5 x 75 x 99**

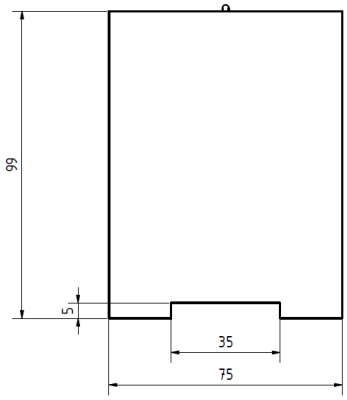
technical data

operating voltage U_B	10 … 35V DC
output current	300mA
ambient temperature	-25℃… +70℃
system of protection (EN 60529)	housing IP40, terminals IP20
housing material	plastic
mounting	DIN-rail
connection	terminals
design	22.5 x 75 x 99



connection with cable socket to amplifier
screw terminal 4: brown (sensor supply +3V)
screw terminal 5: shielding
screw terminal 6: blue (sensor supply GND)

connection of operating voltage to amplifier
screw terminal 9: + U_B
screw terminal 8: switching output pnp, no,400mA
screw terminal 7: 0V (GND)



connection accessories: **VK991198**

length 30m, 2x0.25²mm, shielded, straight, teflon cable, lemo connector

Warning: Never use these devices in applications where the safety of a person depends on their functionality!