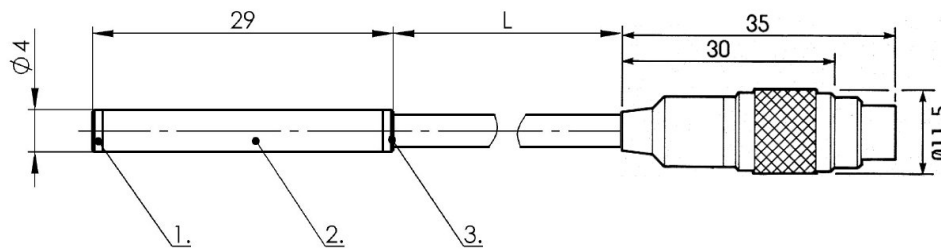


Data sheet SKA-04-F with Teach-in Amplifier (Preliminary)

Special Capacitive Sensor System for specimen cup detection up to +230 °C

Drawing Sensor Head SKA-04-F

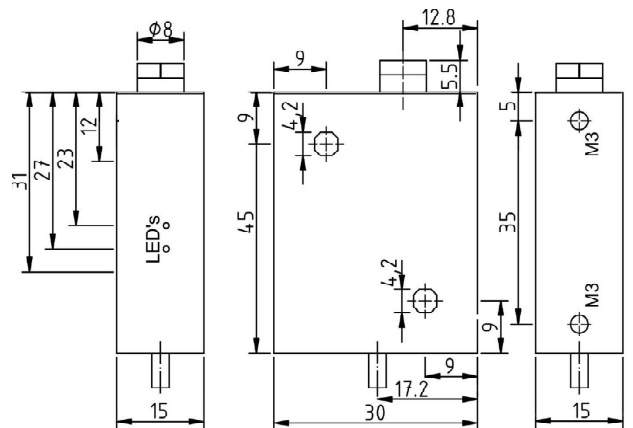


1) aktive Fläche, 2) Gehäuse, 3) Deckel

Drawing Amplifier SSV-45/30/15-P-NO-X005

Technical data sensing head SKA-04-F:

Size:	see drawing
Material active surface:	PEEK or PTFE
Material housing:	Stainless steel
Material cable:	PTFE
Cable type:	Triax
Cable length:	1 m (can be varried)
Ambient temperature:	0 ... +230 °C
Protection standard:	IP 67
Sensing object:	specimen cup
Sensing material:	glas, aluminium
Sensing distance:	2mm (preliminary)



Technical data Amplifier SSV-45/30/15-P-NO-X005:

Switching frequency	5 Hz
Ambient temperature	+ 0 ... + 60° C
Protection standard DIN40050: Housing	IP20
Housing material	Polycarbonat
Connection	0,3m 4x0.14 mm ² PUR
Supply voltage	24 V DC +/- 10%
Ripple voltage max.	< 10% UB
Current without load (at 24 V DC)	about 30 mA
Max. output current	200 mA
Output voltage Ua L-Signal	about 0.8 V DC
Output voltage Ua H-Signal	about UB 1,5V DC
Short circuit protection	built in
Protection against overload	built in
EMK protection circuit	built in
Protection against polarity reversal	built in
Connection for the sensor	plug connetor
Sensing distance	teach in empty

PNP N.O.

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