



Capacitive Sensors

Series 80 - IL - Analogue Output

Housing M32 x 1.5

- Housing material: brass
- Non-flush mountable
- Operating range 0...35 mm

Certificate:



Technical data

Operating range [mm], flush mounting	0...35, no
Linear range [mm]	0...25
Electrical version	3-wire DC
Output function	analogue
Type Analog	KAS-80-34-IL-M32-PTFE/MS
Art.-No.	818 300
Connection diagram No.	see below
Operating voltage (U_B)	15...30 V DC
Output current max. (I_e)	$\geq 20\text{mA} \dots \leq 4\text{mA}$
Permitted residual ripple max.	5 %
No-load current (I_o)	$\leq 40\text{mA}$
Output current active surface free	$\geq 20\text{mA}$
Output current active surface covered	$\leq 20\text{mA} \dots \leq 4\text{mA}$
Load resistor	$R_L = 0 \dots 300\text{ Ohm}$
Permitted ambient temperature	0...+60°C
LED-display	green/yellow/green
Protective circuit	built-in
Degree of protection IEC 529	IP 67
Connection cable	2 m 3 x 0.75 mm ²
Housing material	brass
Active surface	PTFE
Lid	PA

All specifications are subject to change without notice. (05/2004)

