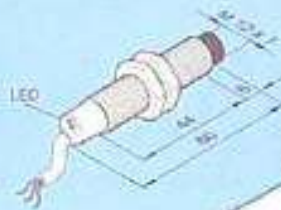
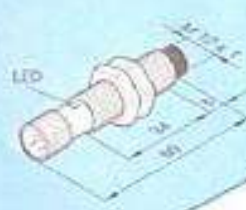


## AC-Program Cylindrical Housing 90 V – 250 V, 180 mA

M 12



M 12



Rated operating distance	2 mm	4 mm
Mounting application	embeddable	non embeddable
Switching element function		
Order No.	9952-0500	9952-0400
Switching element function		
Order No.	9952-0900	9952-0800
<b>Usable supply voltage</b>	<b>90 V ... 250 V AC</b>	
Supply frequency	50/60 Hz	
min. operational current	5 mA	
<b>Rated operational current</b>	<b>180 mA</b>	
Voltage drop	≤ 8 V	
Off-state current	≤ 3 mA / 230 V	≤ 1,5 mA / 110 V
Short term current (20 ms, 1 Hz)	1 A	
<b>Operating frequency</b>	<b>15 Hz / (ohmic load 150 mA)</b>	
Differential travel (hysteresis)	≤ 15 %	
Temperature drift	≤ 10 %	
Repeat accuracy	≤ 10 %	
Housing material	Nickel-plated brass	
Front cap	PBTP	
<b>Termination</b>	<b>Cable 3 x 0,5 mm<sup>2</sup></b>	
PVC 2 m / 5 m	xxxx-xx00 / xxxx-xx02	
Degree of protection (IEC 529/EN 60529)	IP 67	
<b>Ambient air temperature</b>	<b>-25 °C ... +70 °C</b>	
LED	●	
Wiring Diagrams:		

Rated operating distance	2 mm	4 mm
Mounting application	embeddable	non embeddable
Switching element function		
Order No.	9952-0568	9952-0468
Switching element function		
Order No.	9952-0968	9952-0868
<b>Usable supply voltage</b>	<b>90 V ... 250 V AC</b>	
Supply frequency	50/60 Hz	
min. operational current	5 mA	
<b>Rated operational current</b>	<b>180 mA</b>	
Voltage drop	≤ 8 V	
Off-state current	≤ 3 mA / 230 V	≤ 1,5 mA / 110 V
Short term current (20 ms, 1 Hz)	1 A	
<b>Operating frequency</b>	<b>15 Hz / (ohmic load 150 mA)</b>	
Differential travel (hysteresis)	≤ 15 %	
Temperature drift	≤ 10 %	
Repeat accuracy	≤ 10 %	
Housing material	Nickel-plated brass	
Front cap	PBTP	
<b>Termination</b>	<b>Plug connection</b>	
PVC 2 m / 5 m	-	
Degree of protection (IEC 529/EN 60529)	IP 67	
<b>Ambient air temperature</b>	<b>-25 °C ... +70 °C</b>	
LED	●	
Wiring Diagrams:		