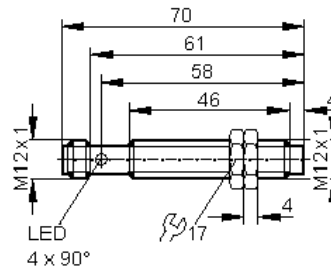


## IF5904

IFK4004-CPKG/US  
Metal thread M12 x 1  
Plug and socket

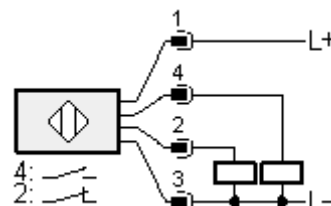
Sensing range 4mm [nf]  
non-flush mountable



CE

<b>Electrical design</b>	<b>DC PNP</b>
<b>Output</b>	<b>complementary</b>
Operating voltage [V]	10...36 DC
Current rating [mA]	250
Short-circuit protection	pulsed
Reverse polarity protection	yes
Overload protection	yes
Voltage drop [V]	< 2.5
Current consumption [mA]	< 15 (24 V)
Real sensing range [mm]	4 ± 10 %
Operating distance [mm]	0...3.25
Switch-point drift [% / Sr]	-10...10
Hysteresis [% / Sr]	1...15
Switching frequency [Hz]	1400
Correction factors	mild steel = 1 / stainless steel approx. 0.7 / brass approx. 0.5 / Al approx. 0.4 / Cu approx. 0.3
Operating temperature [°C]	-25...80
Protection	IP 67
EMC	EN 60947-5-2
Housing material	brass white bronze coated active face: CO-PC
Function display Switching status LED	yellow (4 x 90°)
Connection	M12 connector

Wiring



Accessories (included)

2 lock nuts