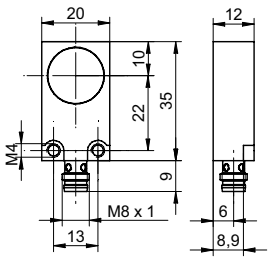
Inductive distance measuring sensors

IWFM 20U9503/S35

dimension drawing



general data	
mounting type	flush
measuring distance Sd	2 ... 3 mm
reference distance	2,35 ... 2,65 mm
measuring speed	< 1 mm / ms
repeat accuracy	< 0,01 mm
linearity error	± 60 µm
temperature coefficient	1 µm / (K mm)

electrical data	
voltage supply range +Vs	15 ... 30 VDC
current consumption max. (no load)	20 mA
output circuit	voltage output
output signal	1 ... 9 VDC
load resistance	> 1000 Ohm
residual output ripple	< 0,5 % Vs
short circuit protection	yes
reverse polarity protection	yes

mechanical data	
type	rectangular
housing material	brass nickel plated
dimension	20 mm
housing length	35 mm
connection types	connector M8

ambient conditions	
operating temperature	0 ... +60 °C
protection class	IP 67

photo



connection diagram

