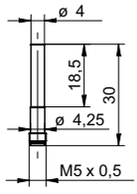
chanhvinh.com

Inductive distance measuring sensors

IWRM 04U9701/S05

dimension drawing



general data

mounting type	quasi-flush
measuring distance Sd	0 ... 1 mm
resolution	< 0,001 mm (stat.) < 0,005 mm (dynam.)
repeat accuracy	< 0,005 mm
linearity error	± 100 µm
temperature drift	± 5 % (Full Scale)

electrical data

response time (factory characteristic)	< 0,5 ms
voltage supply range +Vs	15 ... 30 VDC
current consumption max. (no load)	15 mA
output circuit	voltage output
output signal	0 ... 10 VDC
load resistance	> 1000 Ohm
short circuit protection	yes
reverse polarity protection	yes

mechanical data

type	cylindrical smooth
housing material	stainless steel
dimension	4 mm
housing length	30 mm
connection types	connector M5

ambient conditions

operating temperature	10 ... +60 °C
protection class	IP 67

photo



connection diagram

