Inductive distance measuring sensors

IWFM 18U7504/S35A



general data

mounting typeflushspecial typelinearizedmeasuring distance Sd0 ... 4 mmresolution< 0,005 mm</td>repeat accuracy< 0,01 mm</td>linearity error± 16 µmtemperature drift± 5 % (Full Scale)

< 2,5 ms 15 ... 30 VDC

20 mA

yes

yes

voltage output 0 ... 10 VDC

rectangular

connector M8

18 mm 30 mm

brass nickel plated

electrical data

response time (factory characteristic) voltage supply range +Vs current consumption max. (no load) output circuit output signal short circuit protection reverse polarity protection

mechanical data type housing material dimension housing length connection types

ambient conditions

operating temperature	-10 +70 °C
protection class	IP 67



connection diagram



(VL)us

CE



linearized characteristic



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