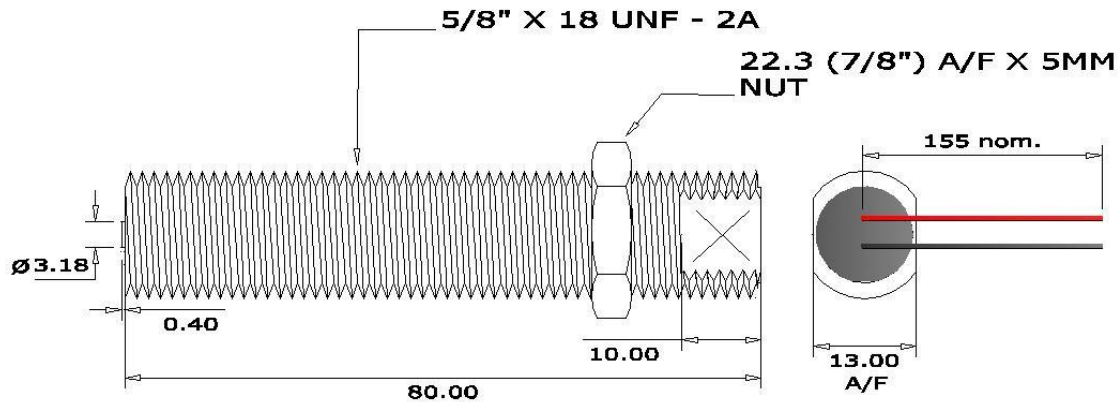




Magnetic Pick-up

W-captive Wire Series



Dimensions in mm unless otherwise stated

ICS Ltd Part Number: **WS-i5880-F-01-T15**

Description: **Captive Wire Magnetic Pick-up**

ISSUE

1.10

Body Specification

Main Body Thread: 5/8" X 18 UNF - 2A
Body Material: Stainless Steel Grade 303
Locknut: 22.3mm (7/8") AF x 5mm.
Locknut Material: Brass Zinc Plated or Stainless Steel
Bobbin End Face Material: Polypropylene

Electrical Specification

Coil Resistance: 350 Ω ohms nom (+/- 10%)
Coil Inductance: 150mH (nom.)
Nominal Output: 20v peak – peak (note 1)
Minimum Speed: 30mm/sec (note 2)
Polarity: Red Wire +Ve on approach of target

Termination & Mating Parts

Termination: 155mm flying leads, 22AWG (0.5mm²) tri-rated BS6231/UL1015, max temp 105°C.
Mating Connection: N/A

Operating Temperature

Main Body and Internal Parts: -20°C to +105°C

Product Details

A stainless steel bodied sensor with spanner flats for ease of installation. Fully epoxy encapsulated with red and black flying leads, free ends pre-stripped and tinned 10mm ready for termination.

Customized and terminated versions and are available upon request.

*Note 1: Nominal output is a typical peak-peak voltage measured across a 10k ohm load using a 10DP, 60 tooth mild steel gear wheel with a diameter of 150mm rotating at 1000 rpm and with an air gap setting of 0.254mm (0.01")

*Note 2: Minimum speed in mm/second to generate 100 mV Peak-Peak output under standard test conditions as in note 1.



CERTIFICATE No : 1628/98

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