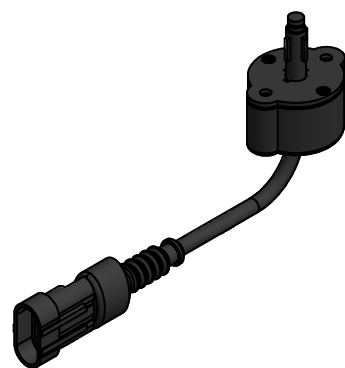
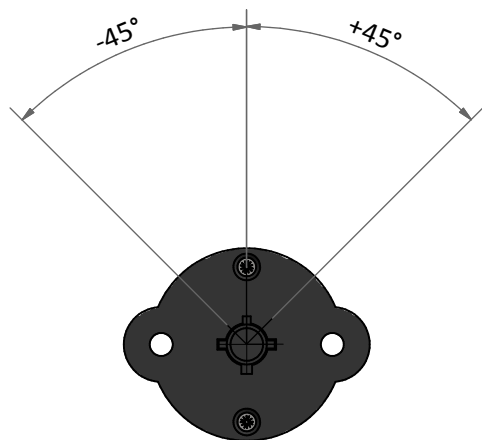
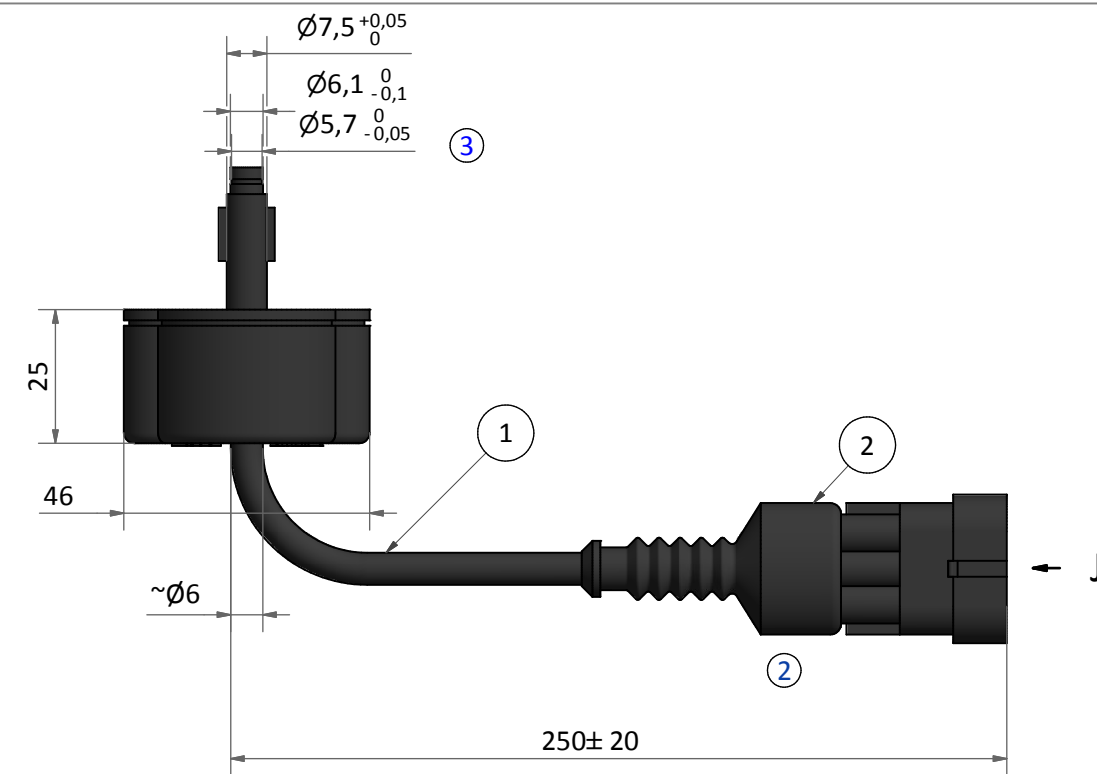


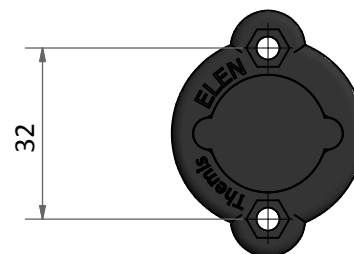
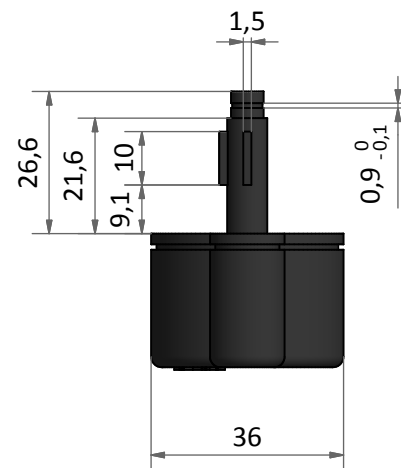
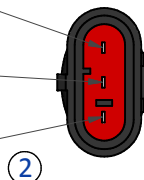


J (1 : 1)

1 - GND - Marrone

2 - Vcc - Blue

3 - Sig. - Yellow/Green

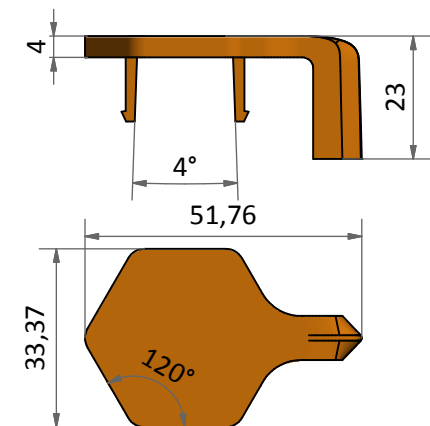
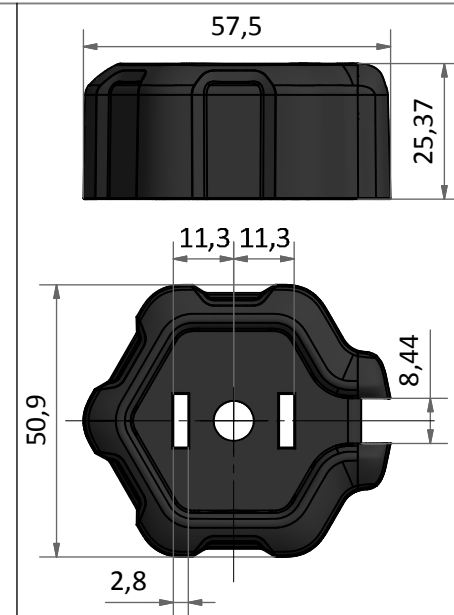


Ref.	Description	Operating temperature
1	HT 105°C Cable	-25 / +105
2	3 Pins Tyco Superseal 1.5 Series Connector	-40 / +125



Rev.	Date	Sign.	Review Description
1	16/06/2020	G.M.	Updated Knob Range
2	02/10/2020	A.D.	Updated Cable and Typ. App.
3	25/01/2021	A.D.	Knob removed
4	25/03/2021	A.D.	Added New Knob and New Plug

4



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Elen Srl - Garbagnate Milanese (MI)

Part Number:

AA366000-2

Description:

Themis Electronic Knob ±45°

Designed

04/06/2020

Giulia M.

Scale :

1 : 2 (A3 format)

Checked

25/03/2021

M.CANAVESE

Dimensions without tolerance indication:

ISO 2768 - m

Approved

25/03/2021

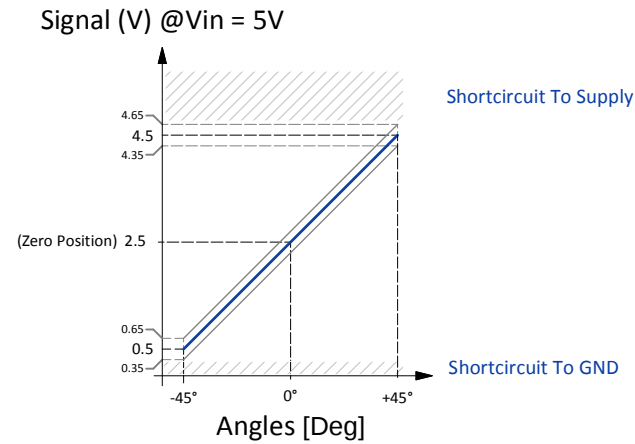
M.CANAVESE

Units

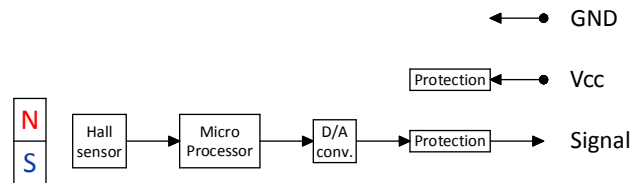
mm

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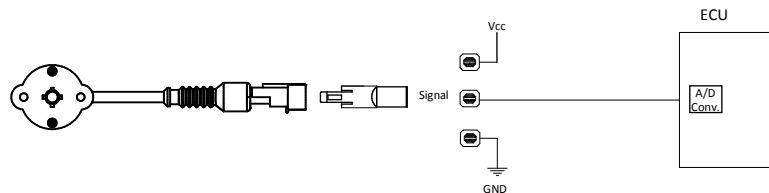
Output Signal



Functional Scheme



Typical Application ②



Technical Specifications

	Specific	Value	Standard Reference
Electrical	Power supply (Vcc)	Min 4.5V - Max 5.5V	ELEN PDV Rev. 3 - 5.1
	Reverse Polarity Protection	-5.5V For 1h	ELEN PDV Rev. 3 - 5.3
	Overload Protection	1.2mA For 1h	ELEN PDV Rev. 3 - 5.6
	Overvoltage Protection	6.5V For 1h	ELEN PDV Rev. 3 - 5.7
	Output Short Circuit Protection	To Ground For 5' To Vcc For 5'	ELEN PDV Rev. 3 - 5.4
	Supply Current (No Load)	10 mA Max	ELEN PDV Rev. 3 - 5.2
	Signal Output	Linear [0.5V - 4.5V]±015V	-
	Output Current	1 mA Max	ELEN PDV Rev. 3 - 5.5
	Dielectric Rigidity	750V@50Hz For 60s	ELEN PDV Rev. 3 - 5.11
	Insulation Resistance	1000 MOhm@500V	ELEN PDV Rev. 3 - 5.10
	ESD Protection	±8kV Contact , ±15 kV Air	EN 61000-4-2
	Temperature Operating Voltage	5.5V@80°C	ELEN PDV Rev. 3 - 5.8
	Resolution	12 bit	-
	Linearity	±1%	-
Environmental	Operating Temperature	-30°C ÷ +80°C	IEC 60068-2-1 ; IEC 60068-2-2 ; IEC 60068-2-30 ; IEC60068-2-14
	Storage Temperature	-40°C ÷ +100°C	IEC 60068-2-1 ; IEC 60068-2-2 ; IEC 60068-2-30 ; IEC60068-2-14
	EMC Compatibility	BCI - Class "A" - 100mA ; 1~400 MHz	ISO 11452-4
	EMC Compatibility - Magn.Field Imm.	15Hz ÷ 150 kHz	ISO 11452-8 : 2007
	Degree Of Protection	IP 67	IEC 60529
	Vibrations Resistance - Sine	(5÷12.87) Hz@dis±15mm ,(12,87÷200) Hz@dis<±15mm@5g, 1 Octave/min , 20 Sweep Cycles	IEC 60068-2-6 ISO15998
Mech.	Vibrations Resistance - Random	f=10Hz@PSD=1.44 g2/Hz ; f=100Hz@PSD=3.85 g2/Hz ; f=1000Hz@PSD=3.85 g2/Hz ; f=2000Hz@PSD=0.96 g2/Hz ; 3 Axis - 24h For Axis	IEC 60068-2-64 ENS0310 Rev.J
	Body Material	Nylon 6.6 GF	-