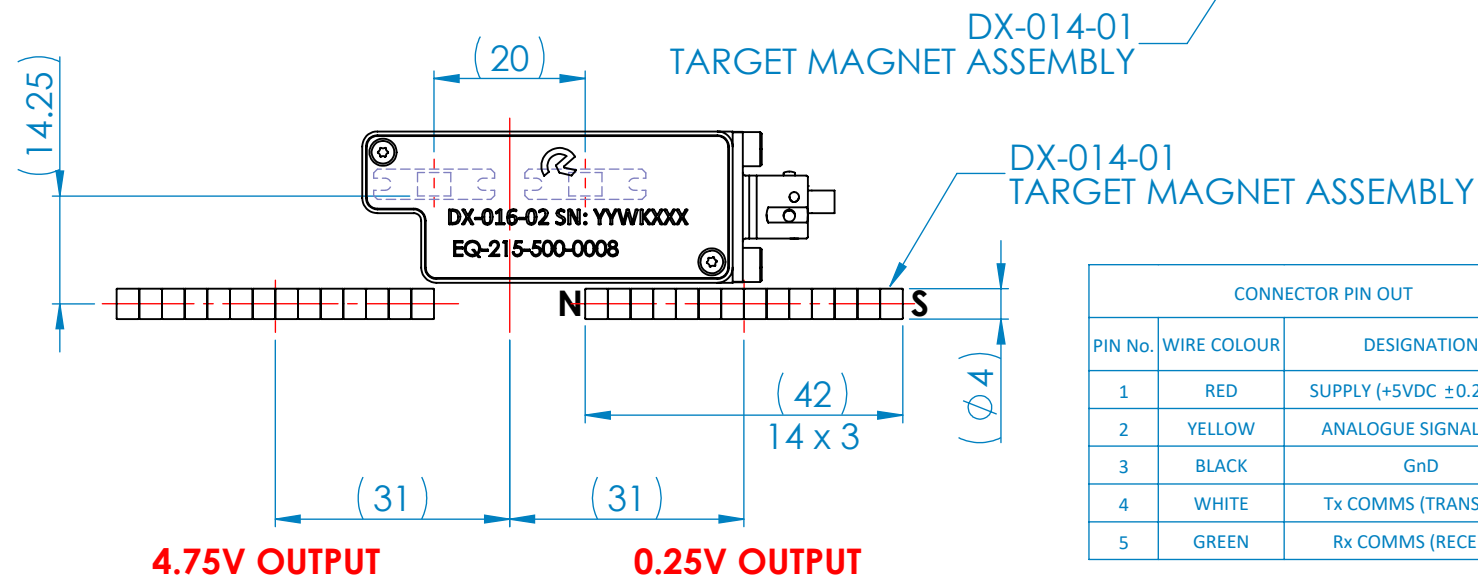
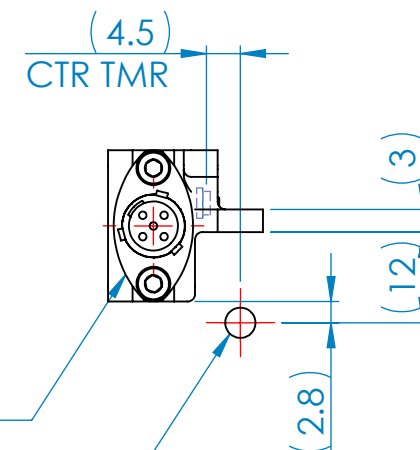
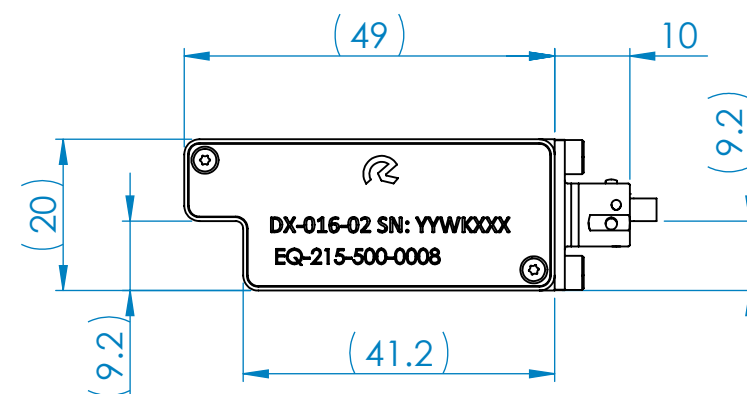
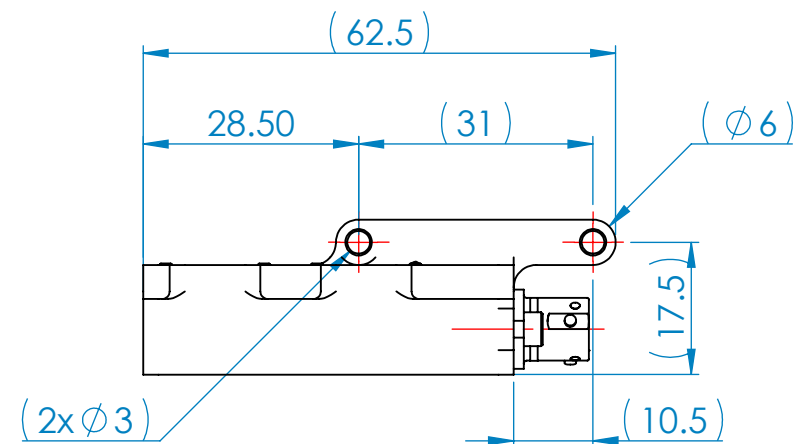






PART NUMBER, SERIAL NUMBER YYWWNNN
CUSTOMER SERIAL NUMBER

SENSOR FITTED WITH INTERNAL ISOLATED GROUND CONNECTION

Configuration:	Linear
Sensing Range:	62mm
Air Gap:	14.25mm
Supply Voltage:	+5VDC ±0.25VDC
Resolution:	12 bit
Update Rate:	5kHz
Output:	Configurable 0.25 – 4.75VDC analogue
Supply Current:	nom 30mA @ 5VDC
Reverse Polarity:	Polarity must not be reversed
Sensitivity:	Min. 72.5mV/mm
Termination:	Connector Souriau 8STA00205PN
Sensor Dimensions:	Approx. 62.5mm x 20.5mm x 20mm (see drawing view)
Housing Material:	ALUMINIUM
Finish:	ANODISE BLACK / YELLOW
Mounting:	2 x M3
Linearity:	+/- 0.4% full scale output
Operating Temperature:	-40°C to 150°C
Storage Temperature:	-40°C to 150°C
Vibration:	10G from 10Hz to 2,000Hz
Shock:	50 G half sine wave with 11 ms duration
Sealing:	IP67
Part Number:	DX-016-02
Target magnet assembly:	DX-014-01



CONNECTOR PIN OUT		
PIN No.	WIRE COLOUR	DESIGNATION
1	RED	SUPPLY (+5VDC \pm 0.25VDC)
2	YELLOW	ANALOGUE SIGNAL OUT
3	BLACK	GnD
4	WHITE	Tx COMMS (TRANSMIT)
5	GREEN	Rx COMMS (RECEIVE)

GENERAL TOLERANCES ALL DIMENSIONS IN mm			FINISH:		DEBUR & BREAK ALL SHARP EDGES		<table><tr><td>ISSUE</td><td>DESCRIPTION</td><td>ISSUE DATE</td><td>APPROVED</td></tr><tr><td>01</td><td>FIRST ISSUE</td><td>19.3.20</td><td>J OSBORNE</td></tr><tr><td>02</td><td>ADDED ISOLATED GnD</td><td>2.06.20</td><td>N MEECH</td></tr><tr><td></td><td></td><td></td><td></td></tr></table>		ISSUE	DESCRIPTION	ISSUE DATE	APPROVED	01	FIRST ISSUE	19.3.20	J OSBORNE	02	ADDED ISOLATED GnD	2.06.20	N MEECH				
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ISO 2768-IH TOLERANCING ISO 8015			0.8/ Surface Finish																					
UNLESS OTHERWISE STATED																								
	NAME	SIGNATURE	DATE	 THIRD ANGLE		TITLE: INTEGRATED LPA SENSOR (ISOLATED GROUND)																		
DRAWN	J. OSBORNE	19/03/2020																						
CHK'D	N. MEECH	19/03/2020																						
APPV'D	N. MEECH	19/03/2020																						
MFG																								
Q.A				MATERIAL:	DWG NO.	DX-016-02 A3																		
		© DESIGN COPYRIGHT RESERVED Reventec Ltd Unit 14, Devotion Business Centre Salisbury Wiltshire SP5 3HU Tel: +44(0)1725 510 321 Email: info@reventec.com Website: www.reventec.com		WEIGHT: Approx. g	SCALE: 1:1			SHEET 1 OF 1																