

C.O.B.O. SpA

Via T.Speri 10, Leno (BS) - ITALY
CAN ICES-3(B) / NMB-3(B)

HVIN: 04610297

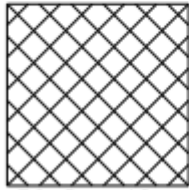
FCC ID: 2AVOV-04610297

IC: 25864-04610297

Modulo Immo p/n 2162100

Max Power <42 dBuA/m at 10 m

Freq Range 119-135 kHz 13.5 V



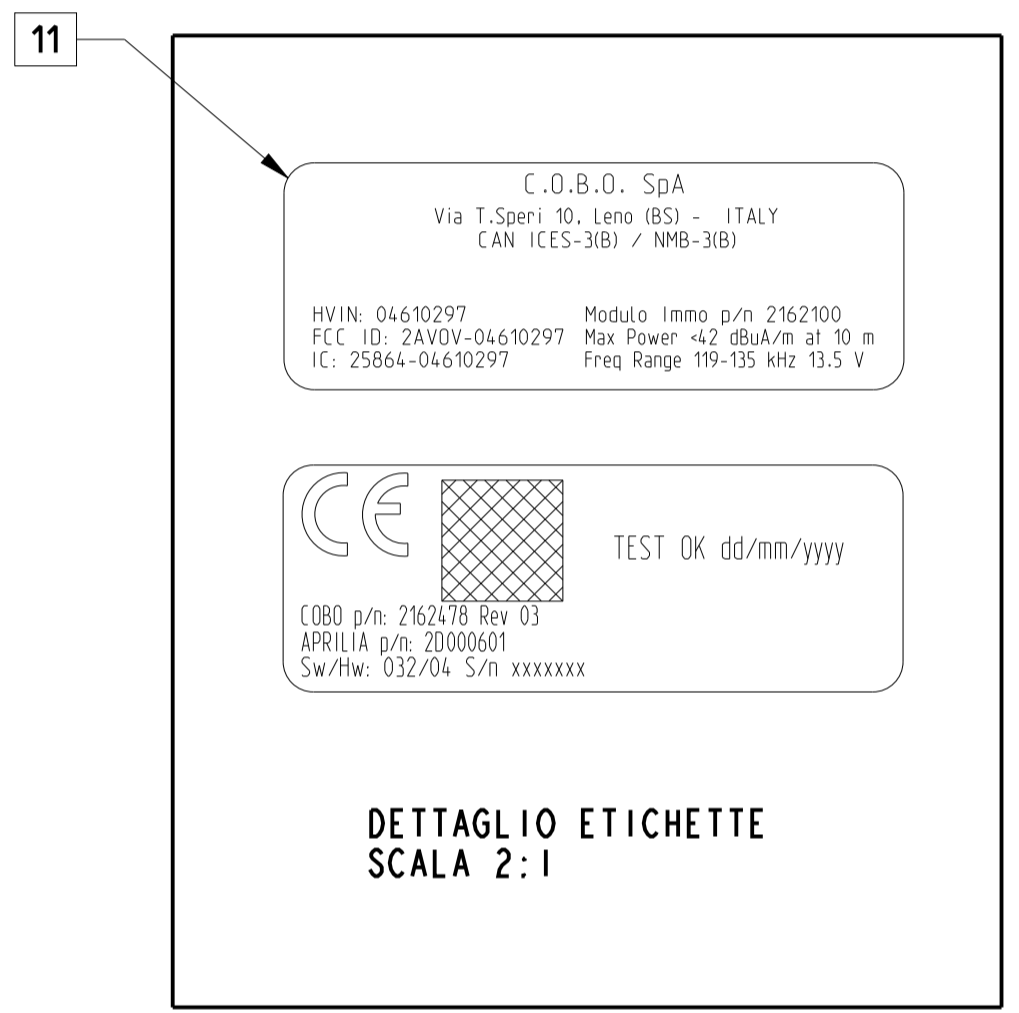
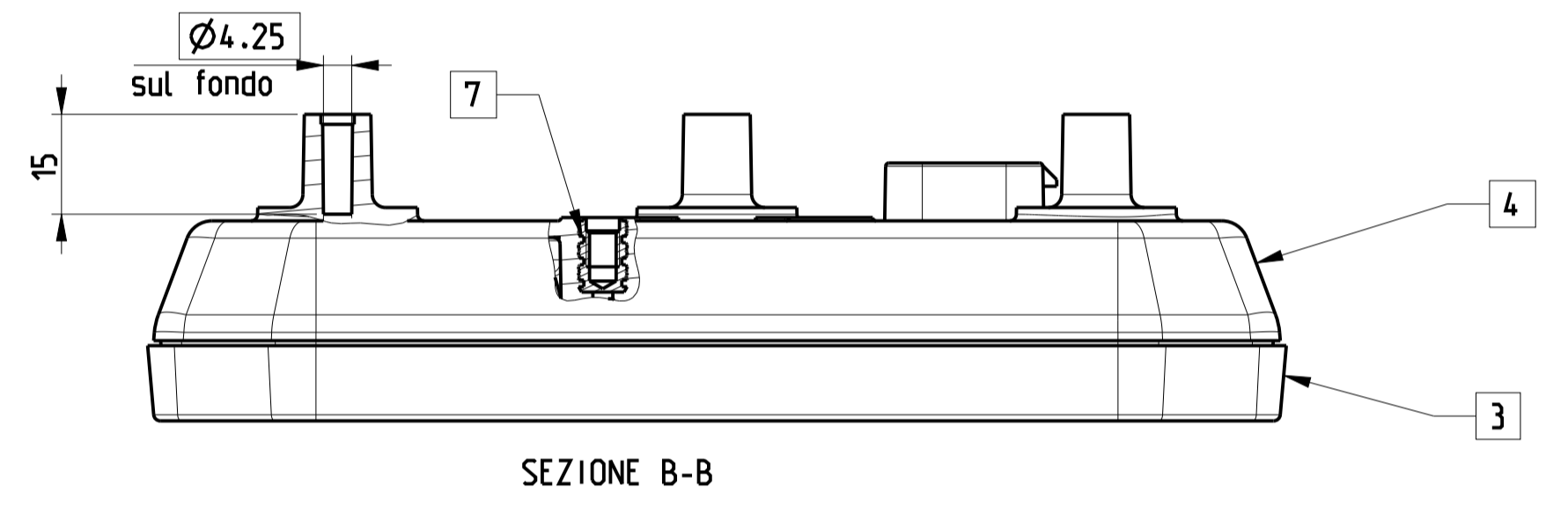
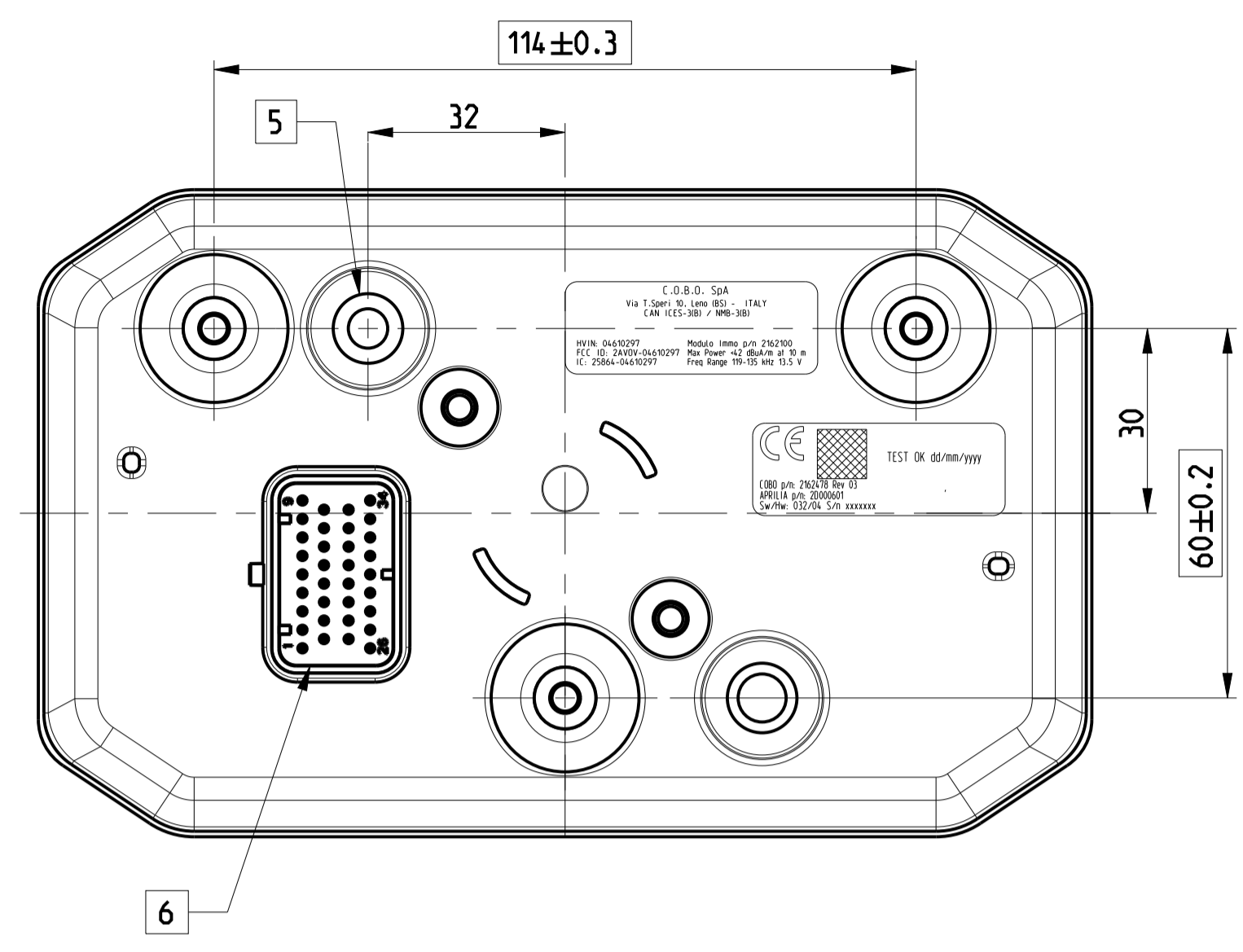
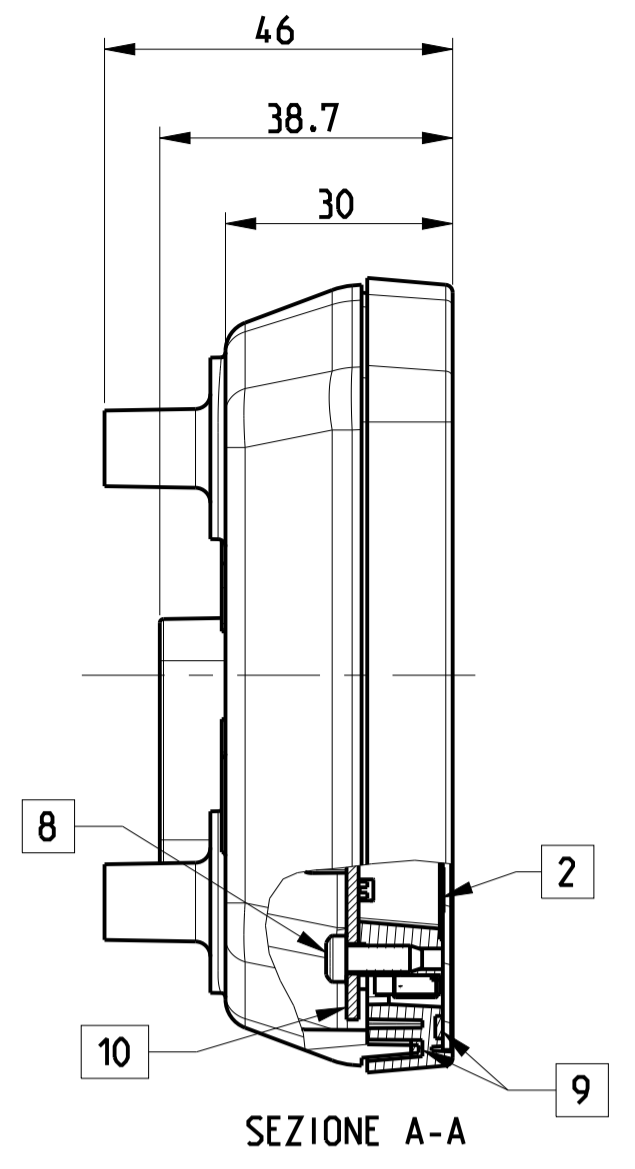
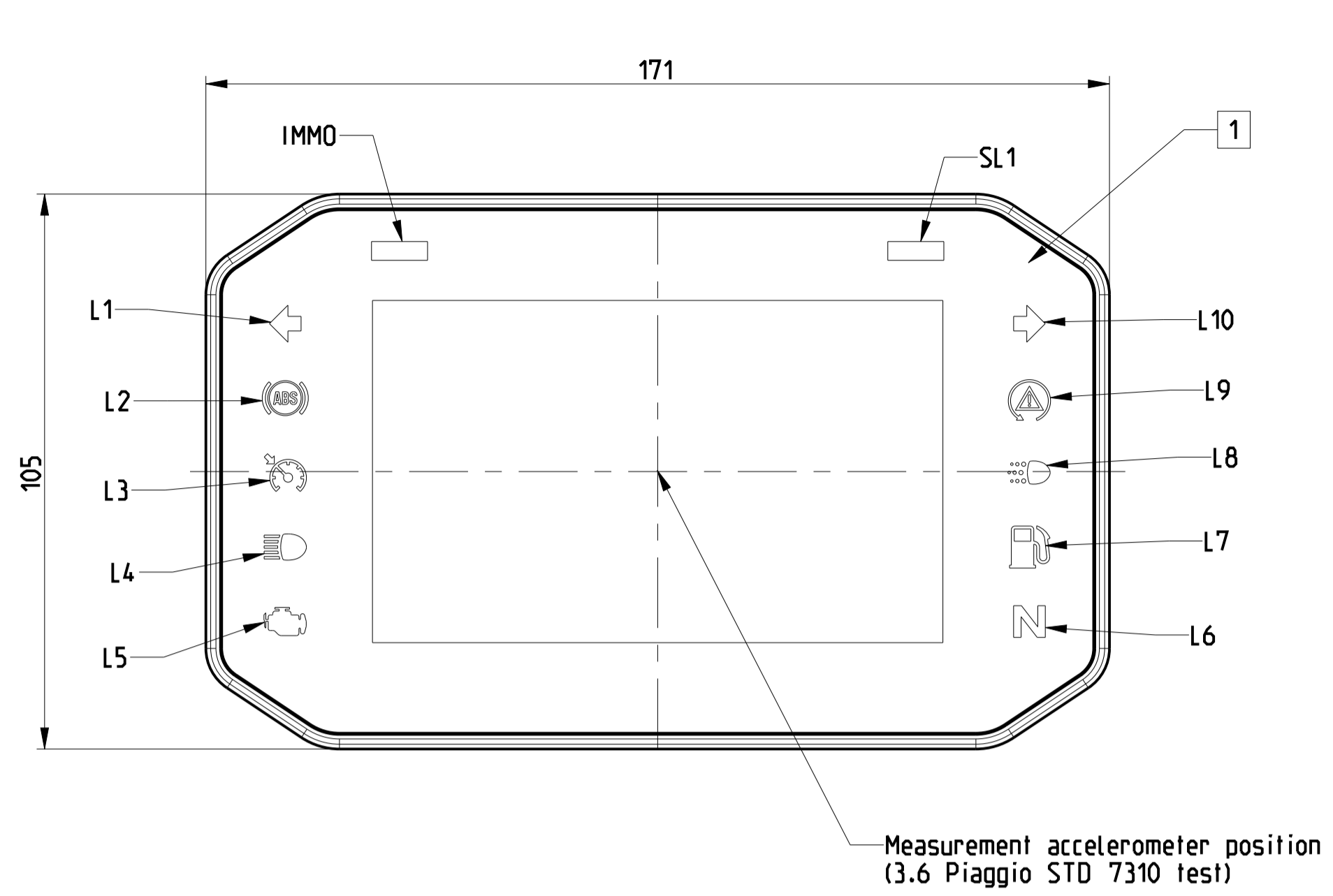
TEST OK dd/mm/yyyy

COBO p/n: 2162478 Rev 03

APRILIA p/n: 20000601

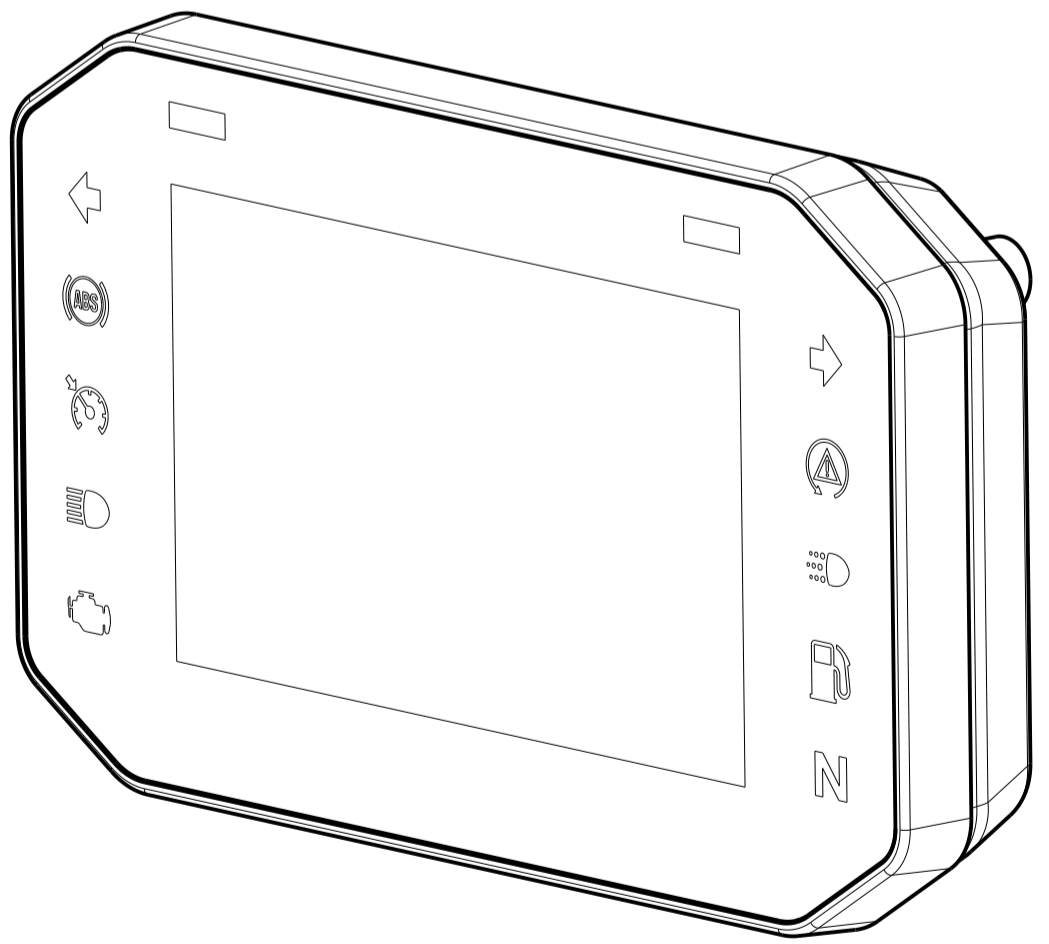
Sw/Hw: 032/04 S/n xxxxxxxx

REF.	FUNCTION	COLOR
L1	LH TURN INDICATOR	GREEN
L2	ABS ALARM	ORANGE
L3	CRUISE CONTROL	GREEN
L4	HIGH BEAMS	BLUE
L5	ENGINE ALARM	ORANGE
L6	NEUTRAL	GREEN
L7	FUEL RESERVE	ORANGE
L8	DRL	GREEN
L9	ATC INDICATOR	ORANGE
L10	RH TURN INDICATOR	GREEN
SL1	LIGHT SENSOR	
IMMO	IMMOBILIZER	RED



GENERAL CHARACTERISTIC	
SUPPLY VOLTAGE	NOMINAL: 13.5 ± 0.5V FUNCTIONAL: 10 ± 16V
CURRENT ABSORPTION	STAND BY: < XXX μA
OPERATING TEMPERATURE	-20 °C / +60 °C
PROTECTION DEGREE	IP67
FUNCTION AND TEST	ACCORDING TO PIAGGIO STD 7310 ed.10, TAB000769 § ADDITIONAL TEST; FOR PERFORMED TESTS AND DEVIATIONS SEE SHARED TEST PLAN

CONNECTOR PINOUT 6					
PIN	FUNZIONE	INPUT TYPE	PIN	FUNZIONE	INPUT TYPE
1	EXV A OUTPUT	POSITIVE	18	ANTENNA B	
2	FUEL RESERVE SENSOR		19	FUEL LEVEL SENSOR	
3	COMMAND UP-NO	NEGATIVE	20	CRUISE U	NEGATIVE
4	INDICATOR LEFT	NEGATIVE	21	CRUISE D	NEGATIVE
5	INDICATOR RIGHT	NEGATIVE	22	CHRONO	NEGATIVE
6	INDICATOR RESET	NEGATIVE	23	CRUISE S	NEGATIVE
7	EXV VOLTAGE REFERENCE OUTPUT	+5V	24	GROUND	GND
8	RIDING MODE	NEGATIVE	25	GROUND	GND
9	BATTERY	+12V	26	ANTENNA A	
10	EXV B OUTPUT	POSITIVE	27	CAN H	
11	COMMAND DOWN-NO	NEGATIVE	28	CAN L	
12	MODE U	NEGATIVE	29	EXV POSITION SENSOR INPUT	
13	MODE D	NEGATIVE	30	RIGHT INDICATOR (FRONT) OUTPUT	POSITIVE
14	MODE R	NEGATIVE	31	RIGHT INDICATOR (REAR) OUTPUT	POSITIVE
15	MODE S	NEGATIVE	32	LEFT INDICATOR (FRONT) OUTPUT	POSITIVE
16	IGNITION	POSITIVE	33	LEFT INDICATOR (REAR) OUTPUT	POSITIVE
17	BATTERY	+12V	34	GROUND	GND



NOTES	
1	TFT 5" LCD MODULE, RESOLUTION (800*480), PRINTED COVER LENS GLUED WITH OCR OPTICAL BONDING TECHNOLOGY
2	LIGHT-SCATTERING FILM THICK.0.3mm - PC MAKROFOL
3	BLACK COVER - ASA
4	BLACK HOUSING - ASA
5	POV GORE VENTILATION VALVE
6	TYCO AMP SUPERSEAL SERIES 34 WAYS. MATE CONNECTOR -CONNECTOR 4-1437290-0 -TERMINAL 3-1447221-3 -PLUG 4-1437284-3
7	N*2 THREADED INSERTS
8	N*4 Ø 3.5 SELF-TAPPING SCREWS
9	ADHESIVE SEALING
10	PCB
11	LABEL
12	PACKAGING INSTRUCTIONS No. 0162

CAD DRAWING		CLASSE DI IMPORTANZA	DESCRIZIONE	DESCRIZIONE ALTRA
HANDLING ON CAD SYSTEM ONLY		CRITICA	+ QUOTA +	+ +
IMPORTANTE	QUOTA INSCRITTA IN UN TABELLO	VERIFICA	QUOTA INSCRITTA IN UN TABELLO	VERIFICA
SECONDA	NESSUNA	VERIFICA	QUOTA INSCRITTA IN UN TABELLO	VERIFICA

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COV. CLIENTE/CUSTOMER REF.	TOLLERANZE PER NOTE/TOLERANCES SEE NOTES	MODIFICHE/CHANGES
0122-06-20	00048291	0122-06-20
0228-07-20	00049240	0228-07-20
13-11-20	00057785	13-11-20

DISSEGNO/DRWN	DATA/DATE	FORMATO/SIZE	MATERIALE/MATERIAL	STATO/STATUS
Divisione	14-01-20	A1		Stampato
CONTROLLATO/CHECKED	14-01-20	00042853		

TITOLI/TYPE: DENOMINAZIONE/PART DESCRIPTION: DSB APRILIA 5" BONDING

N. DISSEGNO/DRAWING NUMBER: 04610297

FOGLIO/HEET: 1 / 2

TOLLERANZE GENERALI DI LAVORAZ.: H11 Foro, H11 Albero, JS14 Dimensioni lineari, ±30° Valori angolari
 TOLLERANZE PER FILETTATURE: G6 per viti, G6H per madreviti
 UNSPECIFIED TOLERANCES: H11 Hole, h11 Shaft, JS14 linear dimensions, ±30° angular dimensions.
 SCREWTHREAD: G6 for screws, G6H for nutscrews.
 NON INTERPRETATE I DISEGNI: SE AVETE DUBBI CHIEDETE! - DO NOT INTERPRET DRAWINGS. FOR ANY DOUBTS ASK!

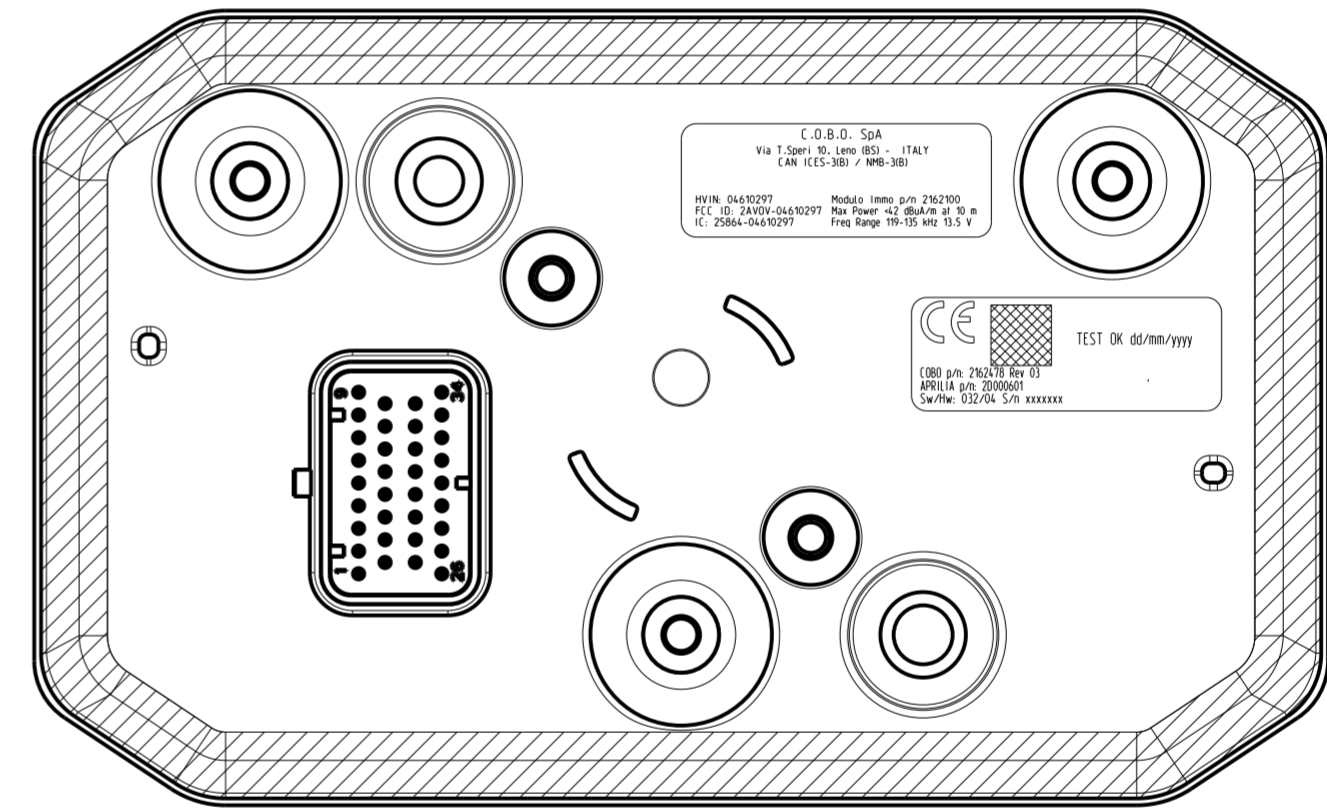
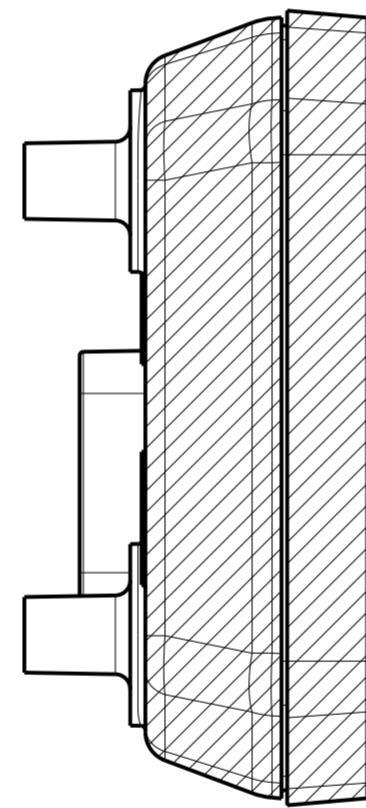
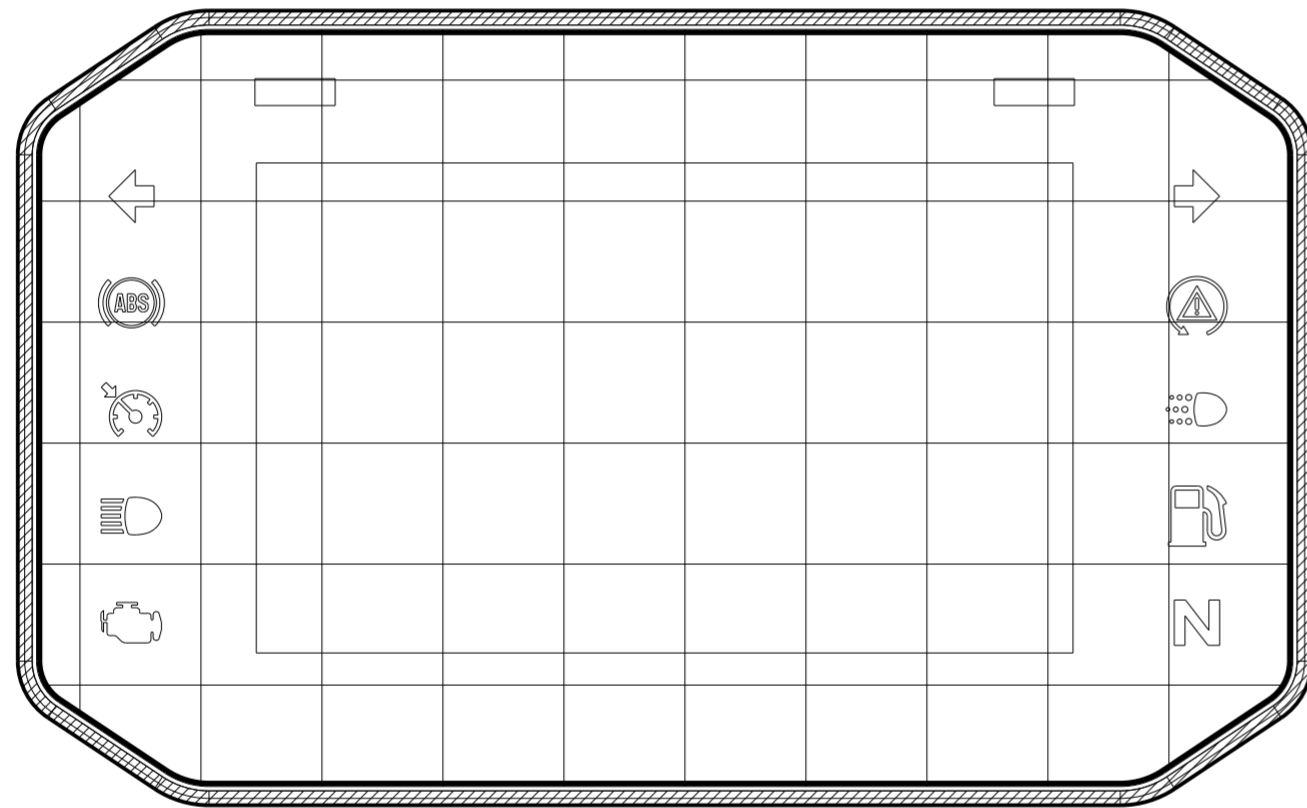
AESTHETIC SURFACES CLASSIFICATION

(ACCORDING TO PIAGGIO STD. ILQ-QUA-75)

A SURFACE 

C- SURFACE 

ACCORDING TO COBO SPECIFICATION SP-2F020111.001 





CAD DRAWING
HANDLING ON CAD SYSTEM ONLY

CLASSE DI IMPORTANZA DELLA CARATTERISTICA	DESCRIZIONE QUOTATURE	DESCRIZIONE ALIHE CARATTERISTICHE
CRITICA	• QUOTA *	*
IMPORTANTE	QUOTA INSCRITTA IN UN'ELLISSE	P
VERIFICA	QUOTA INSCRITTA IN UN RETTANGOLO	*
SECONDARIA	NESSUNA	NESSUNA

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CODICE CLIENTE/ CUSTOMER REF.		TOLLERANZE VEDI NOTE. TOLERANCES SEE NOTES.		MODIFICHE/CHANGES	
 Division 		SCALA/SCALE		MATERIALE/ MATERIAL	
		DISEGNATO/ DRAWN Donatoni DATA/DATE 14-01-20 CONTROLLATO/ CHECKED Aliprandi DATA/DATE 14-01-20		FORMATO/SIZE A2 MDT n. 00042853	
TIPO/ TYPE		TRATTAM. TERMICO/THERMAL TREATMENT		TRATT. SUPERFICIALE/SURFACE FINISHING	
DENOMINAZIONE/ PART DESCRIPTION		N. DISEGNO/ DRAWING NUMBER		FOGLIO/SHEET	
DSB APRILIA 5" BONDING		04610297		2 / 2	

TOLLERANZE GENERALI DI LAVORAZ.: H11 Foro, h11 Albero, Js14 Dimensioni lineari, ±30' Valori angolari
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