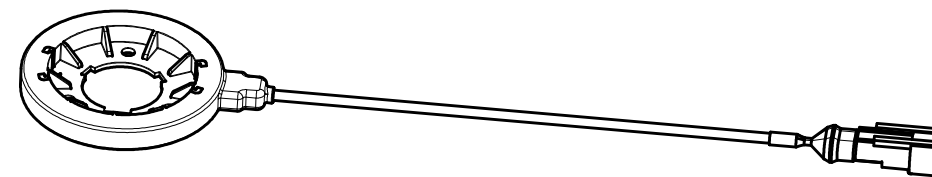
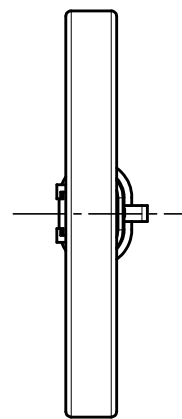
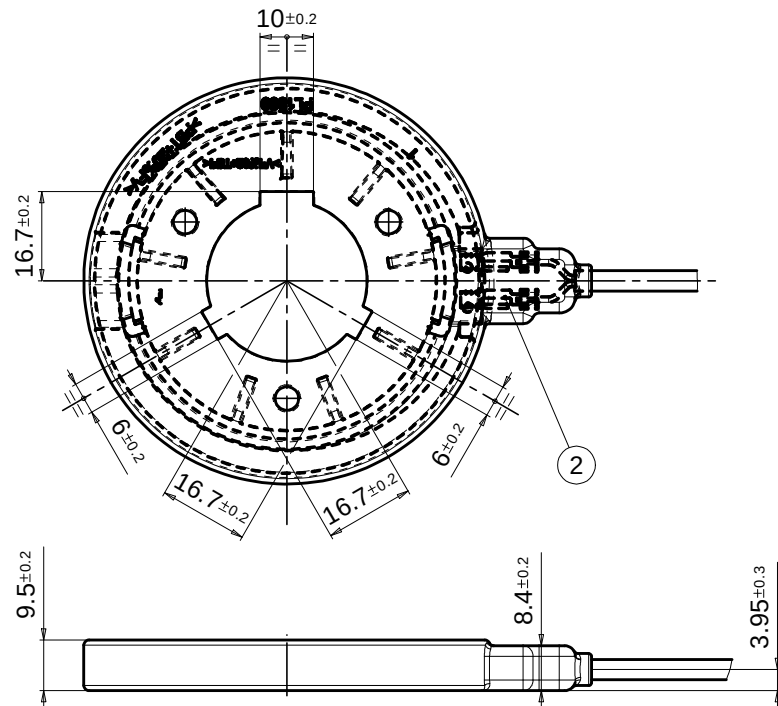
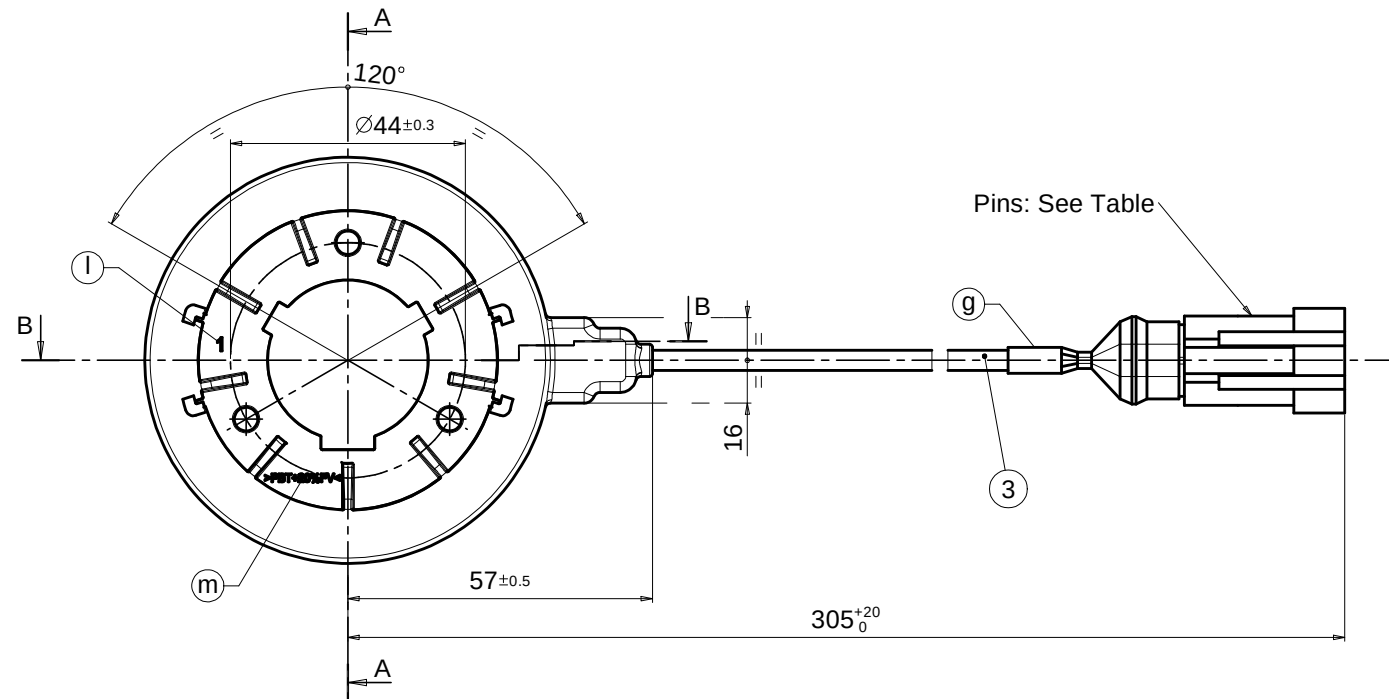
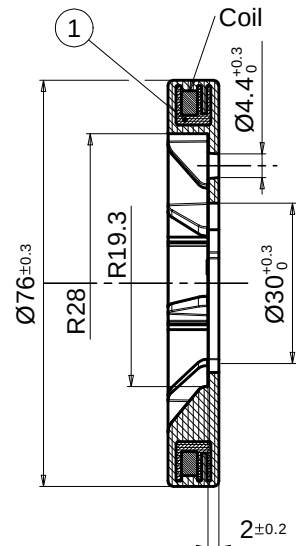


Pins: See Table

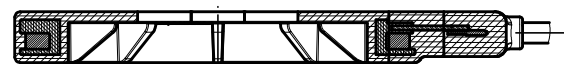


Scale 1:2

Sect. A-A



Sect. B-B



Notes:

- a For missing dimensions, see 3D file n."EL0282"
- b Draft included into tolerances
- c "Z282" and manufacture date on the component hot stamped
- d Surface finishing CH30
- e A critical dimension; B important dimension
- f Perform inductance test on every antenna
- g The heat-shrinking sheath must be fixed on the harness

Electrical properties of the antenna (in air at room temperature)

- Inductance: $570 \pm 5 \mu\text{H}$ measured at 100 kHz in air;
- Enameled copper wire: insulation class P 155 Gr1;
- Wire diameter: 0.4 mm;
- No. of turns of the winding: 65;
- Resistance R: $2.1 \pm 0.1 \text{ Ohm}$;
- Q factor: $33 \div 34.5$ measured at 100 kHz in air.

Table A - Antenna harness

Ref.	Connector	Pins
A	2 ways connector PM AMP 282104-1	Male pin AMP 282404-1

Table B - Vehicle harness

Ref.	Connector	Pins
B	2 ways connector PF AMP 282080-1	Female pin AMP 282403-1

MATERIALS and SURFACE TREATMENTS according to: EU 2002/95/CE - EU 2000/53/CE

General Tolerances				Material		Raw material		Scale	Format
From 0 to 6	±0.10			PBT POLYBUTYLENE + 20% GF		Rule		1:1	A20
>6 to 30	±0.20							Designed	
>30 to 120	±0.30							M. AGOSTINI	
>120 to 315	±0.50							Create Date	
>315	±0.80							04/12/2008	
Angle	±0° 30'							Approved	
								M. CODELUPPI	
								Approved Date	
								11/06/2010	
								Customer Part No.	
								L	
								Index	
								Intercompany P/N.	
								/	
								Index	
								/	



Pos.	Description	Part No.	Q.ty
3	HARNESS	AE0467	1
2	FASTON PIN	TR0653	2
1	RING	PL1869	1
PARTS LIST			