

Datasheet Extended Distance Sensor EDS2

Description:

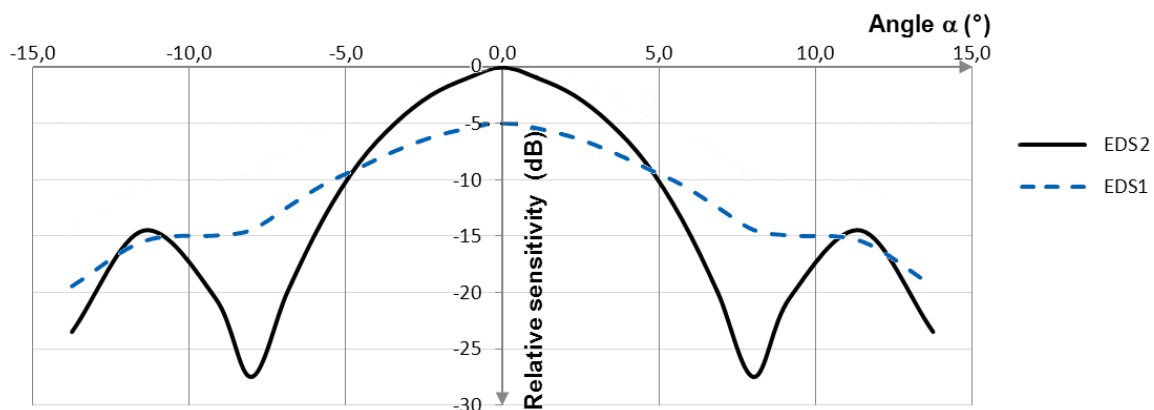
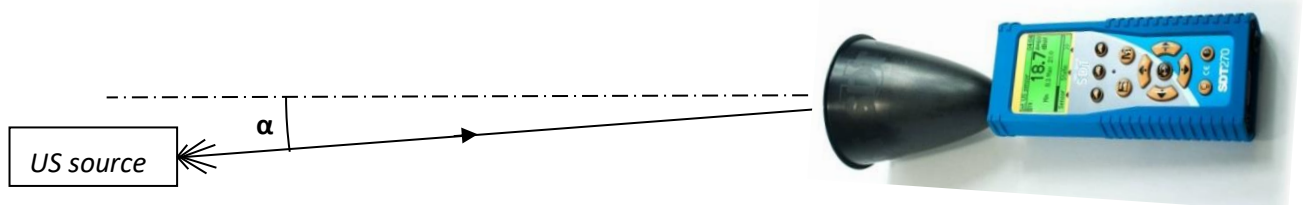
The extended distance sensor EDS2 is an acoustic horn increasing the sensitivity and the directivity of the internal US (40 kHz) sensor. It is designed to be screwed on the SDT 200/270 internal sensor holder or on an SDT Airsense compatible with SDT 340. Compared to the previous model, the EDS2 is 5dB more sensitive and much more directive



EDS2 cone

Specifications

	Extended Distance Sensor EDS2 FU5EACEDS-02	Previous model (EDS1) FU5EACEDS-01
Sensitivity gain (0° incidence)	15 dB	10 dB
Max diameter	112 mm	80 mm
Length	140 mm	167mm
Fastening thread	Female – M22x1.5	Male – M20x2
Compatibilities	Airsense, SDT 270/200 IntUS1	SDT 270
OWeight	105 g	161 g
Accorded frequency	40 kHz	Not Accorded
Material	ABS	
Atex Certified	Yes	No



Directivity curves

05	CMA 2021-07-26	+ compatibilities with Airsense	BDG
04	AKP 2018-08-24	New Layout	KEN
03	GEL 2015-03-13	Referred both curves to EDS2 central sensitivity of EDS2. New SDT layout.	RBT
02	TSA 2012-05-22	Rename EDS270->EDS2 - add material – review description & add SDT200	
01	TSA 2012-01-18	Original version	
Rev.	Author	Nature of modification	Approved