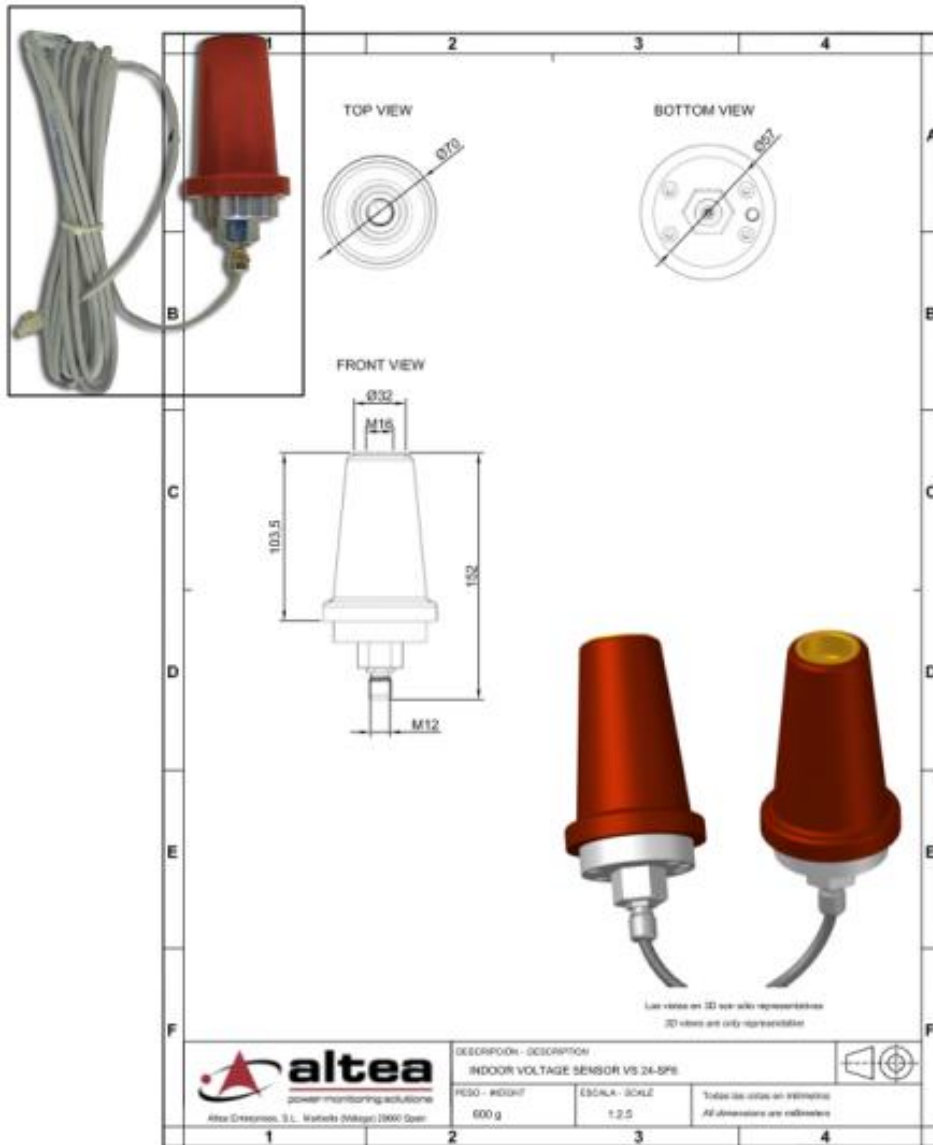




VS-24-C



The **VS-24-C** is a 24 kV voltage low-power transformer embedded into an interface-C back plug. The voltage sensor is suitable for measurement and protection applications; it must be connected to meters and relay of new generation, compatible with instrument transformers.

Its main electrical and mechanical characteristics are listed in table below.

\* marks the parameters customizable upon request.

Rated insulation level	24/50/125 kV
Accuracy class *	for protection 3P for measurement 0,5
Rated primary voltage, $U_{pn}$ *	20/ $\sqrt{3}$ kV
Maximum voltage, $U_m$	24 kV
Rated secondary voltage, $U_{sn}$ *	1 V
Rated voltage factor, $K_u$	1,9 for 8h
Nominal frequency	50 / 60 Hz
Nominal transformation ratio, $K_n$ *	20/ $\sqrt{3}$ kV / 1 V
Auxiliary Supply voltage	$\pm 12$ Vdc
Max. Supply current	15 mA
Installation condition	Symmetrical separable "T" connector
Primary terminal capacity	1 pF
Weight	0,5 kg
Applicable Standards	IEC 60044-7, HD 629.1 S2
Bandwidth (-3 dB)	30 Hz - 20 kHz for VS
Accuracy on harmonics	According to IEC 60044-8



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