

**EN 61326-2-3**

Electrical equipment for measurement, control and laboratory use - EMC requirements - Part 2-3: Particular requirements - Test configuration, operational conditions and performance criteria for transducers with integrated or remote signal conditioning.

**Immunity test requirements**

Huba Control sensors conform acc. EN 61326-2-3 as unit with settled signal processing. Power supplies up to 75 V DC or up to 50 V AC which are integrated in a cable with a supply and output or with an heterodyne 4 - 20 mA current loop as known in 2 wire technique have to be tested as incoming and outgoing line according to the industrial norm EN 61326-1.

**List - Immunity test requirements according EN 61326-2-3**

Connection	Disturbance variable	EMC basic norm	Test value
Case	Electro static discharge (ESD)	IEC 61000-4-2	4 kV contact discharge 8 kV air discharge
	Electromagnetic fields	IEC 61000-4-3	10 V/m (80 MHz bis 1 GHz) 3 V/m (1.4 MHz bis 2 GHz) 1 V/m (2 GHz bis 2.7 GHz)
Input / output connection (including functional earth connection)	Fast transients	IEC 61000-4-4	1 kV (5/50 ns, 5kHz)
	Impulse voltage	IEC 61000-4-5	1 kV
	Common mode radio-frequency signals	IEC 61000-4-6	3 V (150 kHz to MHz)

Requirements are partly exceeded by Huba Control products, details for specific products are available upon request.