

TECHNICAL CHARACTERISTICS OF EDDY CURRENT TRANSDUCERS

VTP-2-K



VTP-1



VTP-1 transducer is designed to detect corrosion on the reverse side of metal sheets made of non-ferromagnetic materials

Frequency range (kHz)	1,0-8,0
Maximum thickness of test sheet (mm)	5
Minimal detectable size of subsurface defect: hole diameter, mm	4 10 50
Minimally detectable subsurface defect: hole depth in % of sheet thickness	30 20 10
Height (mm)	65,7
Diameter (mm)	18
Weight (g), not more	23
Connecting cable length (m)	1,50
Defect alarm light indicator	yes

VTP-2-K



VTP-2-K transducers is designed to detect corrosion on the reverse side of metal sheets made of non-ferromagnetic materials

Frequency range (MHz)	0,5÷2,5
Working area diameter, (mm)	Ø3
Signal amplitudes ratio 'Calibration block ON-4' at a frequency of 1 MHz, (dB), not less	7

Minimum-detectable surface defect in the form of a groove with a depth of (mm)	0,2
Nominal working gap (mm)	0,2
Defect alarm light indicator	yes (for Dami)
Operating temperature range (C°)	from -20° to +50°
Connector type	Lemo 10
Length (mm)	92
Case diameter (mm)	14
Weight (g), not more	21
Connecting cable length (m)	1,50

VTP-2-D



High-frequency transformer type transducers **VTP-2-D** is designed to detect surface and subsurface cracks, non-ferromagnetic materials in places with limited access

Frequency range (MHz)	0,5-2,5
Working area diameter, (mm)	Ø3
Signal amplitudes ratio 'Calibration block ON-4 ' at a frequency of 1 MHz, (dB), not less	7
Minimum-detectable surface defect in the form of a groove with a depth of (mm)	0,2
Nominal working gap (mm)	0,2
Defect alarm light indicator	yes (for Dami)
Operating temperature range (C°)	from -20° to +50°
Connector type	Lemo 10
Length (mm)	282,5

Case diameter (mm)	14
Weight (g), not more	59
Connecting cable length (m)	1,50

VTP-3-K



High-frequency transformer type transducer **VTP-3-K** is designed to detect surface and subsurface cracks, discontinuities and air pockets in products made of ferromagnetic materials.

Frequency range (MHz)	0,5-2,5
Working area diameter, (mm)	Ø 8,6
Signal amplitudes ratio 'Calibration block OH-5 ' at a frequency of 1 MHz, (dB), not less	12
Minimum-detectable surface defect in the form of a groove with a depth of (mm)	0,2
Nominal working gap (mm)	0,5
Defect alarm light indicator	yes (for Dami)
Operating temperature range (C°)	from -20° to +50°
Connector type	Lemo 10
Length (mm)	84,4
Case diameter (mm)	7 and 14
Weight (g), not more	21
Connecting cable length (m)	1,50

VTP-3-D



High-frequency transformer type transducer **VTP-3-D** is designed to detect surface and subsurface cracks, discontinuities and air pockets in products made of ferromagnetic materials.

Frequency range (MHz)	0,5-2,5
Working area diameter, (mm)	Ø 7
Signal amplitudes ratio 'Calibration block OH-5' at a frequency of 1 MHz, (dB), not less	12
Minimum-detectable surface defect in the form of a groove with a depth of (mm)	0,2
Nominal working gap (mm)	0,5
Defect alarm light indicator	yes (for Dami)
Operating temperature range (C°)	from -20° to +50°
Connector type	socket Lemo 10
Length (mm)	274,9
Case diameter (mm)	14
Weight (g), not more	59
Connecting cable length (m)	1,50