

Extract from the list of supported inductive transducers

The following transducer types and manufacturers are parameterised and supported in the ADDI-DATA transducer database (SET3701).

Do not hesitate to ask us if you want to use a transducer type which is not indicated in the table below. We are pleased to adapt the module for free so that you can use your transducer including its parameters and characteristic curves together with the ADDI-DATA Ethernet I/O modules MSX-E3700, MSX-E3701 and MSX-E3711.

Furthermore, you have the possibility to parameterise your transducer type by yourself using the program SET3701. In order to do so, you need the following parameters:

- transducer type (LVDT or HB)
- sensitivity (mV/V/mm)
- V_{eff} (Vrms)
- frequency (Hz)
- measuring range (mm)
- load impedance (k Ω).

Module version	Transducer type	Manufacturer	Measuring range (mm)	Sensitivity (mV/V/mm)	Frequency (kHz)	Load impedance (k Ω)	Manufacturer designation		
MSX-E37xx-HB	HB	TESA	+/-2	73,75	12,5	2	GT21		
			+/-5	29,5	12,5	2	GT61		
			+/-0,2	73,75	12,5	2	GT21HP		
		Solartron	+/-1	73,5	12,5	2	AX/1.0/SH		
			+/-1,5	49	12,5	2	AX/1.5/SH		
			+/-2,5	29,5	12,5	2	AX/2,5/SH		
			+/-5	14,7	12,5	2	AX/5.0/SH		
			+/-10	7,35	12,5	2	AX/10.0/SH		
			+/-0,5	73,75	7,5	2	H05		
		Marposs	+/-1	73,75	7,5	2	H10		
			+/-2,5	36,9	7,5	2	H25		
			+/-5	29,5	7,5	2	H50		
		Peter & Hirt	+/-1	73	12,5	2	T201/T202 T210 T232		
			+/-2	73	12,5	2	T101/T102 T109/T110 T131/T132 T301/T302		
			+/-5	7,3	12,5	2	T501/502 T531/T532		
		MSX-E37xx-LVDT	LVDT	Solartron	+/-1	200	20	10	AX/1.0/S
					+/-1,5	133,33	20	10	AX/1.5/S
					+/-2,5	80	20	10	AX/2,5/S
+/-5	40				20	10	AX/5.0/S		
+/-10	20				20	10	AX/10.0/S		
+/-0,25	100				10	10	System 256 AX/0.25/S		
+/-0,5	100				10	10	System 256 AX/0.5/S		
+/-1	100				10	10	System 256 AX/1.0/S		
+/-2,5	100				10	10	System 256 AX/2.5/S		
+/-5	100				10	10	System 256 AX/5.0/S		
+/-10	100			10	10	System 256 AX/10/S			
Marposs	+/-0,5			230	7,5	1000	F05		
	+/-1			230	7,5	1000	F10		
	+/-2,5			115	7,5	1000	F25		
Peter & Hirt	+/-5			115	7,5	1000	F50		
	+/-2			150	5	100	T151/T152 T159/T160 T181/T182		
RDP	+/-2			184	20	x	T161/T162 T191/T192		
	+/-5,0			72	10	100	D5/200AG		
Schaevitz	+/-6,35	63	10	500	GCA121-250				
	+/-2	192	20	x	P2004M				
MSX-E37xx-M	LVDT	Mahr	+/-1	184	20	x	1301/1302/1303/1304		
	HB		+/-5	18,4	20	x	1310		
MSX-E37xx-K	HB	Knäbel	+/-0,2	400	50	10	IET 0200		
			+/-0,4	400	50	10	IET 0400		
			+/-0,5	400	50	10	IET 0500		
			+/-0,6	400	50	10	IET 0600		