

Table: Measurement transducer selection

	Voltage (V ac)	CVE / CV-A	Active power (kW)	CW
	Voltage (V ac)	CV-D	Reactive power (kvar)	CY
	Current (A ac)	CCE / CC-A / TP-420 / TC-020 / TCB / TCM	Frequency (Hz)	CFE / CF
	Current (A dc)	CC-D	Temperature	CT-PT100

**CVE/CCE/CFE Narrow section transducers**

Narrow-profile transducers, 230 Vac, 45 ... 65Hz.

Type	Code	System	Parameters	Measure	Output type	Analog output
AC Voltage transducer						
CVE-A	[*] M25011.	-	V ~	300 Vac	2	4...20mA
CVE-A-AP	[3] M25021.	-	V ~	230 Vac	1	0...20mA
AC Current transducer						
CCE-A	[*] M25111.	-	A ~	5 A	2	4...20mA
CCE-A-AP	[*] M25121.	-	A ~	5 A	1, 3	0...20mA
Frequency transducers						
CFE	[3] M25511.	Network voltage: 50 ... 600 Vac	-	45 55 Hz	2	4...20mA
CFE-AP	[3] M25521.	Selecting Network voltage: 115 / 240 / 400 Vac	-	45 55 Hz	1	0...20mA

Specify ACCORDING TO THE CODE TABLE: 1. Code / 2. Input range / 3. Output range / 4. Auxiliary power supply / 5. Specify the network voltage for CFE-AP. xxx-AP types external auxiliary supply not required. 4...20 mA output not possible.

For other values, see coding table on following pages

Converters**CV Voltage transducer**

Type	Code	Parameters	Measure	Output type	Analog output
AC Voltage. Accuracy: $\pm 0,2\%$ reading, 40...90 Hz					
CV-A-AP Out1	[1] M25041.	V ~	300 Vac	1	0...20mA
CV-A Out1	[1] M25031.	V ~	300 Vac	1	0...20mA
CV-A Out2	[1] M25032.	V ~	300 Vac	2	4...20mA
CV-A-RMS Out1	[1] M25051.	V ~	300 Vac	1	0...20mA
CV-A-RMS Out2	[1] M25052.	V ~	300 Vac	2	4...20mA
DC Voltage. Auxiliary supply 230 V, 40...90 Hz, Accuracy: $\pm 0,5\%$ reading					
CV-D Out1,3	[1] M25061.	Vdc	10 Vdc	1, 3	0...20mA
CV-D Out2	[1] M25062.	Vdc	10 Vdc	2	4...20mA

-AP type: Accuracy: $\pm 0,5\%$ reading, 40...90 Hz. External auxiliary supply not required. Specify: Zero value, full scale and output type.

For other values, see coding table on following pages

**CC Current transducer**

Type	Code	Parameters	Measure	Output type	Analog output
AC Current. Accuracy: $\pm 0,2\%$ reading, 40...90 Hz					
CC-A Out1	[1] M25131.	A ~	5 Aac	1	0...20mA
CC-A Out2	[*] M25132.	A ~	5 Aac	2	4...20mA
CC-A-AP	[*] M25141.	A ~	5 Aac	1	0...20mA
CC-A-RMS Out1	[1] M25151.	A ~	5 Aac	1	0...20mA
CC-A-RMS Out2	[*] M25152.	A ~	5 Aac	2	4...20mA
C.C.Current. Auxiliary supply 230 V, 40...90 Hz, Accuracy: $\pm 0,5\%$ reading.					
CC-D Out1	[1] M25161.	A dc	20 mA	1, 3	0...20mA
CC-D Out2	[1] M25162.	A dc	20 mA	2	4...20mA

-AP type: Accuracy: $\pm 0,5\%$ reading, 40...90 Hz. External auxiliary supply not required. Specify: Zero value, full scale and output type.

For other values, see coding table on following pages