Table 8-47. Redundant Analog Input/Output Sets for S100 I/O

Description	Consists of	Article No.
With redundancy: 8 input channels, resolution 12 bits, single-ended, 0 to +10 V or 0 to +20 mA, shunt 250 Ω 0.05% **With redundancy: 8 output channels, resolution 12 bits**, 0 to +20 mA or 0 to +10 V (over shunt 500 Ω 0.1% on DSTA 001A or DSTA 001B)	2 x DSAX 110 DSTA 001A 2 x DSTK 223L3 or 2 x DSAX 110A DSTA 001B 2 x DSTK 223L3	3BSE019920R1

Table 8-48. Pulse Input and Positioning Sets for S100 I/O

Description	Consists of	Article No.
Positioning set for one positioning loop Pulse encoder input: 3 ch., ±15mA, max. 80 kHz DI/DO: 24 V d.c. AO: resolution 11 bits, 0 to ±10 V or 0 to ±20 mA	DSDP 140A DSTD 190 DSTK 225SL3	3BSE019921R1
Positioning Set for one positioning loop Pulse encoder input: 3 ch., ±15mA,max. 80 kHz DI/DO: 24 V d.c. AO: resolution 11 bits, 0 to ±10 V or 0 to ±20 mA Disconnectible screw terminal blocks	DSDP 140A DSTD 150A DSTK 225SL3	3BSE019922R1
Pulse counting set 12 ch., 5/12/24 V d.c. max. 10 kHz	DSDP 150 DSTD 190 DSTK 225SL3	3BSE019923R1
Pulse counting set 12 ch., 5/12/24 V d.c. max. 10 kHz Disconnectible screw terminal blocks	DSDP 150 DSTD 150A DSTK 225SL3	3BSE019924R1
Pulse counting set 4 measuring systems each containing: Pulse encoder input: 2 ch. + strobe 5/12/24 V or ±15 mA, max. 2.5 MHz DI: 24 V d.c. DO: 24 V, 250 mA d.c.	DSDP 170 DSTX 170 DSTK 228SL3	3BSE019925R1