

Technical Information Sheet

Page 1 of 2



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Subject
2500 IOC (Processor) Instrument Identity Codes

The model 2500 utilizes an IOC (Input/Output Controller) as the central processing unit for the 2500 system. The 2500 IOC is available in a number of variants: with or without loops, and with different digital communicating interfaces.



The tables below show for the 2500E SYSIO and 8-Loop IOC's, the Identity, Software Issue, and digital communications Protocol. As can be seen, the SYSIO IOC is only available with Profibus, while the 8-Loop is available with all digital communications types.

The version or software issue of the IOC reflects the features supported. V1xx is obsolete; V2.xx is effectively obsolete, though support is still provided; V3.xx is the mainstream ACQIO, UW and LOOP variants; and, V4.xx the SYSIO variant, is available for fast sampling (55ms) I/O requirements with no loops.

2500E SYSIO IOC Variants

IOC Identity (Hex)	IOC Identity (Decimal)	Software Issue (String)	Software Issue (Decimal)	Software Issue (Hex)	Protocol
25F1	9713	V4.31	1073	0431	Profibus DP
25F2	9714	V4.31	1073	0431	Profibus DPv1
25F1	9713	V4.30	1072	0430	Profibus DP
25F2	9714	V4.30	1072	0430	Profibus DPv1
25F1	9713	V4.21	1057	0421	Profibus DP
25F2	9714	V4.21	1057	0421	Profibus DPv1
25F1	9713	V4.10	1040	0410	Profibus DP
25F2	9714	V4.10	1040	0410	Profibus DPv1
25F1	9713	V4.00	1024	0400	Profibus DP
25F1	9713	V4.00	1024	0400	Profibus DP
25F2	9714	V4.00	1024	0400	Profibus DPv1

Technical Information Sheet

TIS#: 263 Page 2 of 2



2500E 8-Loop IOC Variants

IOC Identity (Hex)	IOC Identity (Decimal)	Software Issue (String)	Software Issue (Decimal)	Software Issue (Hex)	Protocol
2580	9600	V3.62	866	0362	Modbus RTU
2581	9601	V3.62	866	0362	Profibus DP
2582	9602	V3.62	866	0362	Profibus DPv1
2583	9603	V3.62	866	0362	DeviceNet
2584	9604	V3.62	866	0362	Ethernet
2580	9600	V3.60	864	0360	Modbus RTU
2581	9601	V3.60	864	0360	Profibus DP
2582	9602	V3.60	864	0360	Profibus DPv1
2583	9603	V3.60	864	0360	DeviceNet
2584	9604	V3.60	864	0360	Ethernet
2580	9600	V3.56	854	0356	Modbus RTU
2581	9601	V3.56	854	0356	Profibus DP
2582	9602	V3.56	854	0356	Profibus DPv1
2583	9603	V3.56	854	0356	DeviceNet
2584	9604	V3.56	854	0356	Ethernet
2580	9600	V3.43	854	0356	Modbus RTU
2581	9601	V3.43	854	0356	Profibus DP
2582	9602	V3.43	854	0356	Profibus DPv1
2583	9603	V3.43	854	0356	DeviceNet
2584	9604	V3.43	854	0356	Ethernet
2580	9600	V3.30	816	0330	Modbus RTU
2581	9601	V3.30	816	0330	Profibus DP
2582	9602	V3.30	816	0330	Profibus DPv1
2583	9603	V3.30	816	0330	DeviceNet
2584	9604	V3.30	816	0330	Ethernet