

1756L980TPSXT

Allen-Bradley ControlLogix 5590 Process XT Controller 80MB User Memory, 12MB Safety Memory



Component type	PLC CPU-module
Range	ControlLogix 1756
Model	N/A
Product status	New Item

The Allen-Bradley 1756 ControlLogix® controllers provide a robust and scalable control solution for industrial automation systems. A standard control engine with a development environment provides ease of use. Available with On-Machine models suitable for process, motion, discrete, and high-availability applications.

ELECTRICAL

Supply voltage DC	5.1 V
Voltage type of supply voltage	DC
Redundancy	Yes

COMMUNICATION

Number of HW-interfaces industrial Ethernet	2
Number of HW-interfaces USB	1
Supporting protocol for OPC UA PubSub	Yes
Max. OPC UA nodes supported	100000
Integrated motion function	Yes
Max. number of EtherNet/IP nodes	600
Can be programmed with Studio 5000 Logix Designer	Yes
Supporting protocol for TCP/IP	Yes
Supporting protocol for DeviceNet	Yes
Supporting protocol for SERCOS	Yes
Supporting protocol for EtherNet/IP	Yes
Supporting protocol for IEC 61850 Ethernet	Yes

CONSTRUCTION

Number of analogue outputs	4000
Number of analogue inputs	4000
Number of digital inputs	128000
Number of digital outputs	128000
IP rating	IP20
Memory size	80 MB
Safety memory size	12 MB
Suitable for safety functions	Yes
With display	Yes
Rack-assembly possible	Yes
Coated	Yes

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LARGE CONTROL SYSTEMS



Allen-Bradley

DIMENSIONS	Width	34.57 mm
	Height	145.21 mm
	Depth	145 mm
ENVIRONMENT	Rated temperature	-25...70 °C
	Storage temperature	-40...85 °C
	Max. ambient humidity (non-condensing)	95 %
CERTIFICATES/APPROVALS	SIL according to IEC 61508	2