

TSXASY800

analog output module Modicon Premium - 8 O
multirange



Main

Range of product	Modicon Premium Automation platform
Product or component type	Analog output module
Analogue output number	8
Analogue output type	Current 0...20 mA Current 4...20 mA Voltage +/- 10 V
Analogue/digital conversion	13 bits + sign +/- 10 V 13 bits 0...20 mA 13 bits 4...20 mA

Complementary

Conversion time	5 ms
Measurement resolution	1.28 mV +/- 10 V 2.56 µA 0...20 mA 2.56 µA 4...20 mA
Electrical connection	1 SUB-D 25 connector
Measurement error	0.14 % of full scale +/- 10 V 25 °C 0.21 % of full scale 0...20 mA 25 °C 0.21 % of full scale 4...20 mA 25 °C 0.28 % of full scale +/- 10 V 0...60 °C 0.52 % of full scale 0...20 mA 0...60 °C 0.52 % of full scale 4...20 mA 0...60 °C
Isolation between channels	Common point
Isolation between channels and bus	1000 Vrms
Isolation between channels and ground	1000 Vrms
Protection type	Overload protection Short-circuit protection
Output voltage limits	<= 30 V
Load impedance ohmic	< 600 Ohm 0...20 mA < 600 Ohm 4...20 mA > 1000 Ohm +/- 10 V
Load inductance	< 300 µH
Load capacitance	< 0.1 µF
Marking	CE
Current consumption	200 mA 5 V DC 300 mA 24 V DC
Module format	Standard
Terminals description PLC n°1	(1)OUT_ANA_VOLT#0 (10)OUT_ANA_VOLT#6 (11)OUT_ANA_CUR#6 (12)OUT_ANA_COM#7 (13)IN_ANA_STD# (14)OUT_ANA_COM#0 (15)OUT_ANA_VOLT#1 (16)OUT_ANA_CUR#1 (17)OUT_ANA_COM#2 (18)OUT_ANA_VOLT#3 (19)OUT_ANA_CUR#3 (2)OUT_ANA_CUR#0 (20)OUT_ANA_COM#4 (21)OUT_ANA_VOLT#5 (22)OUT_ANA_CUR#5 (23)OUT_ANA_COM#6 (24)OUT_ANA_VOLT#7 (25)OUT_ANA_CUR#7 (3)OUT_ANA_COM#1 (4)OUT_ANA_VOLT#2

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(5)OUT_ANA_CUR#2
(6)OUT_ANA_COM#3
(7)OUT_ANA_VOLT#4
(8)OUT_ANA_CUR#4
(9)OUT_ANA_COM#5
PW_NEG#
PW_POS#

Environment

Standards	73/23/EEC 89/336/EEC 92/31/EEC 93/68/EEC CSA C22.2 No 142 IEC 61131-2 UL 508 CSA C22.2 No 213 Class I Division 2 Group A CSA C22.2 No 213 Class I Division 2 Group B CSA C22.2 No 213 Class I Division 2 Group C CSA C22.2 No 213 Class I Division 2 Group D
Product certifications	ABS BV DNV GL LR RINA RMRS
Ambient air temperature for operation	0...60 °C
Ambient air temperature for storage	-25...70 °C
Relative humidity	10...95 % without condensation for operation 5...95 % without condensation for storage
Operating altitude	0...2000 m
Protective treatment	TC
IP degree of protection	IP20
Pollution degree	2

Offer Sustainability

Sustainable offer status	Not Green Premium product
RoHS	Compliant - since 0835 - Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold
