

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

The information provided in this documentation contains general descriptions and/or technical characteristics of the products contained herein. This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

(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