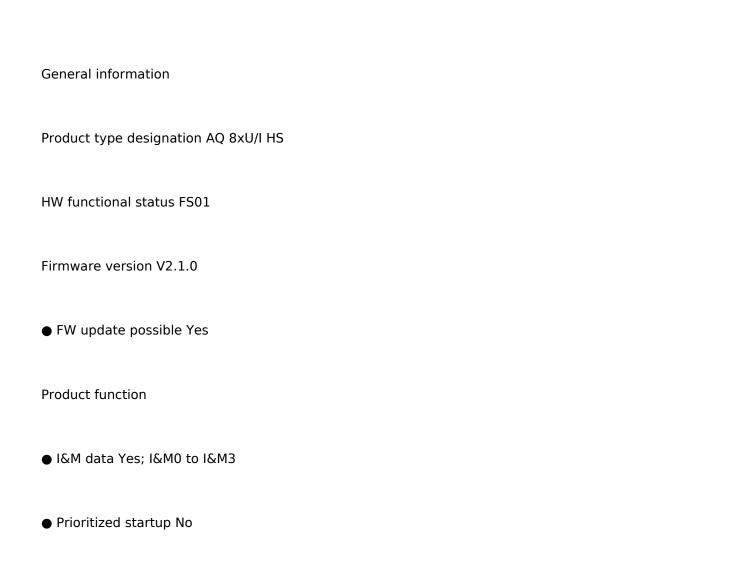# ANALOG OUTPUT MODULE

6ES7532-5HF00-0AB0

URL:https://www.sxplc.com/index.php?route=product/product&product_id=5914

Product data sheet

General information

Product type designation AQ 8xU/I HS

HW functional status FS01

Firmware version V2.1.0

● FW update possible Yes

Product function

● I&M data Yes; I&M0 to I&M3

● Prioritized startup No

● Output range scalable No

Engineering with

● STEP 7 TIA Portal configurable/integrated as of

version

V14 / -

● STEP 7 configurable/integrated as of version V5.5 SP3 / -

● PROFIBUS as of GSD version/GSD revision V1.0 / V5.1

● PROFINET as of GSD version/GSD revision V2.3 / -

Operating mode

● Oversampling Yes

● MSO Yes

CiR – Configuration in RUN

Reparameterization possible in RUN Yes

Calibration possible in RUN Yes

Supply voltage

Type of supply voltage DC

Rated value (DC) 24 V

permissible range, lower limit (DC) 20.4 V

permissible range, upper limit (DC) 28.8 V

Reverse polarity protection Yes

Input current

Current consumption, max. 260 mA; with 24 V DC supply

Power

Power available from the backplane bus 1.15 W

Power loss

Power loss, typ. 7 W

Analog outputs

Number of analog outputs 8

Voltage output, short-circuit protection Yes

Voltage output, short-circuit current, max. 45 mA

Current output, no-load voltage, max. 20 V

Cycle time (all channels), min. 125 µs; independent of number of activated channels

Output ranges, voltage

● 0 to 10 V Yes

● 1 V to 5 V Yes

● -5 V to +5 V No

● -10 V to +10 V Yes

Output ranges, current

● 0 to 20 mA Yes

● -20 mA to +20 mA Yes

● 4 mA to 20 mA Yes

Connection of actuators

● for voltage output two-wire connection Yes

● for voltage output four-wire connection Yes

● for current output two-wire connection Yes

Load impedance (in rated range of output)

● with voltage outputs, min. 1 kΩ

● with voltage outputs, capacitive load, max. 100 nF

● with current outputs, max. 500 Ω

● with current outputs, inductive load, max. 1 mH