

Type AirLINE8640

PROFINET

Slot Description

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1 Overview

Used datatypes:

Unsigned8	8 bit: unsigned integer
Unsigned16	16 bit: unsigned integer
Unsigned32	32 bit: unsigned integer
REAL32	32 bit: float value IEEE 754

2 Objects

2.1 Cyclic data

Parameter	Description	Data type	Slot PN	Subslot PN	Index PN
Input Byte 1...4	Input 1...4: Inputs 1.-4. Byte of main island	Unsigned8	4 ... 7	0	4...7
Output Byte 1...3	Output 1...3: Outputs 1. - 3. Byte of main island	Unsigned8	1 ... 3	0	1...3
Input Byte 5...8	Input 5...8: Inputs 1.-4.Byte of RIO node 1	Unsigned8	11 ...14	0	4...7
Output Byte 4...6	Output 4...6: Outputs 1.-3. Byte of RIO node 1	Unsigned8	8...10	0	1 ...3
...
Input Byte 33...36	Input 33...36: Inputs 1.-4.Byte of RIO node 8	Unsigned8	60 ...63	0	4...7
Output Byte 25 ... 27	Output 25...27: Outputs 1.-3. Byte of RIO node 8	Unsigned8	57...59	0	1 ...3

2.2 Acyclic data

Parameter	Description	Data type	Slot PN	Subslot PN	Index PN
Fault Action Byte 1..3 (main island)	Behavior of output byte if device is offline 0: use fault value of corresponding digital valve output 1: hold last state 1 output byte represents 8 digital valve outputs	Unsigned8	0x00	0x01	0x02 ... 0x04
Fault Value Byte 1..3 (main island)	Fault value for output byte 0: digital valve output is not set 1: digital valve output is set 1 output byte represents 8 digital valve outputs	Unsigned8	0x00	0x01	0x05 ... 0x07
Factory ID	Buerkert identnumber	Unsigned32	0x00	0x01	0x08
Factory Serial	Buerkert serialnumber	Unsigned32	0x00	0x01	0x09
Input Mode	0: no inputs 1: normal 2: shifted 3: halved	Unsigned8	0x00	0x01	0x0A
Input Filter	0: filter off 1: filter on	Unsigned8	0x00	0x01	0x0B
Fault Action Byte 4..6 (RIO node 1)	Behavior of output byte if device is offline 0: use fault value of corresponding digital valve output 1: hold last state 1 output byte represents 8 digital valve outputs	Unsigned8	0x00	0x01	0x012 ... 0x014
Fault Value Byte 4..6 (RIO node 1)	Fault value for output byte 0: digital valve output is not set 1: digital valve output is set 1 output byte represents 8 digital valve outputs	Unsigned8	0x00	0x01	0x015 ... 0x017
...

Parameter	Description	Data type	Slot PN	Subslot PN	Index PN
Fault Action Byte 25..27 (RIO node 8)	Behavior of output byte if device is offline 0: use fault value of corresponding digital valve output 1: hold last state	Unsigned8	0x00	0x01	0x082 ... 0x084
Fault Value Byte 25..27 (RIO node 8)	Fault value for output byte 0: digital valve output is not set 1: digital valve output is set 1 output byte represents 8 digital valve outputs	Unsigned8	0x00	0x01	0x085 ... 0x087