

U_{Bridge} [V]
U_{Sense} [V]

HW filter
Input stage

ADC

0x9nn0:02 ADC Raw Value

INT

Input Freeze

PDO AI.Control "Input Freeze"

Filter 1

0x8nn0:15 Filter 1 Settings

0x9nn0:03 Value After Filter 1

REAL32

Interface

0x8nnD:11 Input Interface

0x9nn0:04 Value After Interface

Calibration

0x8nn0:0B Enable Vendor Calibration
 0x8nnF Vendor Calibration Data
 0x8nn0:0A Enable User Calibration
 0x8nnC User Calibration Data

0x9nn0:1C Value After Calibration
 0x9nn2:11 Vendor Calibration Counter
 0x9nn2:12 User Calibration Counter

Filter 2

0x8nnD:1A Filter 2 Settings

0x9nn0:09 Value After Filter 2

Under/Overrange

PDO AI.Status: Underrange, Overrange, Error

User Scale

0x8nn0:01 Enable User Scale
 0x8nn0:11 User Scale Offset
 0x80nD:1C User Scale Offset (Real32)
 0x8nn0:12 User Scale Gain
 0x8nnD:1D User Scale Gain (Real32)

0x9nn0:0B Value After User Scale

Steady state

0x8nnD:2B Steady State Window
 0x8nnD:2C Steady State Tolerance

PDO AI.Status "Steady State"

Peak Hold

PDO AI.Control "Peak Hold Reset"
 COMMAND in FB00:01

0x9nn0:0C Actual Positive Peak Hold
 0x9nn0:0D Actual Negative Peak Hold

Range Warning

0x8nnD:2D Low Range Warning (Real32)
 0x8nnD:2E High Range Warning (Real32)

0x9nn0:1D Underrange Warning Counter
 0x90n0:1E Overrange Warning Counter
 PDO AI.Status "Warning"

Range Error

0x8nnD:17 Low Range Error
 0x8nnD:27 Low Range Error (Real32)
 0x8nnD:18 High Range Error
 0x8nnD:28 High Range Error (Real32)

0x9nn0:14 Underrange Error Counter
 0x90n0:15 Overrange Error Counter
 PDO AI.Status "Error"

Limit

0x8nn0:07 Enable Limit 1
 0x8nn0:13 Limit 1
 0x80nD:29 Limit 1 (Real32)
 0x8nn0:08 Enable Limit 2
 0x8nn0:14 Limit 2
 0x80nD:2A Limit 2 (Real32)
 0x8nn0:0E Swap Limit Bits

0x9nn0:16 Limit 1 Counter Low
 0x9nn0:17 Limit 1 Counter High
 PDO AI.Status "Limit 1" (2 bit)

0x9nn0:18 Limit 2 Counter Low
 0x90n0:19 Limit 2 Counter High
 PDO AI.Status "Limit 2" (2 bit)

Tare

PDO AI.Control "Tare"
 PDO AI.Control "Disable Tare"
 COMMAND in FB00:01

0x9nn0:1A Tare Value
 PDO AI.Status "Tare Active"

0x9nn0:1B Sampling Rate

Integer Scaler

0x8nnD:12 Integer Scaler

INT

Presentation

0x8nn0:02 Presentation

PDO INT16

PDO Real32

