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Basic Fieldbus Function Blocks

Function block	Quantity	Execution Time (mS)
Transducer Block (TB)	1	N/A
Resource Block (RB)	1	N/A
Analog Input (AI)	2	50
Discrete Input (DI)	5	50
PID, PI, I Controller (PID)	1	100
Analog Output (AO)	1	50
Discrete Output (DO)	4	50

Channel allocation

AI1 (Position %)	Channel 1
AI2 (Torque %)	Channel 2
DI1	Channel 3
DI2	Channel 4
DI3	Channel 5
DI4	Channel 6
DI5	Channel 7
AO	Channel 8
DO1	Channel 9
DO2	Channel 10
DO3	Channel 11
DO4	Channel 12

Do not change the channel allocation of the blocks from these default values, as incorrect channel number allocation can cause incorrect actuator operation.

Segment information

Device ID	00FF010002:Rotork- Ver2:YYWWSSSSS YY-year WW-week number SSSSS - unique serial number
Baud Rate	31.25K
Device Address	34
LAS capable	Yes
Quiescent current draw (mA)	20
Communicating current draw (mA)	20
Power up current draw (mA), includes inrush	60
Upgrade power draw (mA)	N/A
Operating voltage Min (V)	9
Operating voltage Max (V)	32
Minimum transmit level (V pk-pk)	750mV
Device Minimum receive level (V pk-pk)	150mV
Device Capacitance	9nF
Polarity sensitive	No
max number of VCR's	20
DD revision	0102.FFO / 0102.SYM
CFF Revision	010104.CFF
ITK revision	ITK4.6
Manufacturer ID	0xFF01 (65281)