

Data relating to spindle monitor (including spindle type servo)

Command	Description
SECT_SP_MON_AXIS_NOS	Number of axes
SECT_SP_MON_AXIS_NAME	Axis name
SECT_SP_MON_GAIN	gain
SECT_SP_MON_DRP	Droop
SECT_SP_MON_REV_SPEED	Rotational speed
SECT_SP_MON_LOAD	Load
SECT_SP_MON_MAX_CURRENT1	MAX current 1
SECT_SP_MON_MAX_CURRENT2	MAX current 2
SECT_SP_MON_MAX_CURRENT3	MAX current 3
SECT_SP_MON_OVER_LOAD	Overload
SECT_SP_MON_OVER_REG	Regenerative load
SECT_SP_MON_RUL_TRQ	Estimated disturbance torque
SECT_SP_MON_MAX_TRQ	MAX disturbance torque
SECT_SP_MON_INARTIA	Load inertia ratio
SECT_SP_MON_THERMO	Temperature
SECT_SP_MON_AFLT_FX	AFLT frequency
SECT_SP_MON_AFLT_GAIN	AFLT gain
SECT_SP_MON_MOTPLGL	Motor end detector diagnostics L
SECT_SP_MON_MOTPLGH	Motor end detector diagnostic H
SECT_SP_MON_MACPLGL	Machine end detector Diagnostics L
SECT_SP_MON_MACPLGH	Machine edge detector diagnostic H
SECT_SP_MON_DISP_AMP	Amplifier display
SECT_SP_MON_ALARM	Alarm 1
SECT_SP_MON_ALARM2	Alarm 2
SECT_SP_MON_ALARM3	Alarm 3
SECT_SP_MON_CYCLE_COUNTER	Cycle counter
SECT_SP_MON_GRDSP	Grid spacing
SECT_SP_MON_GRID	Grid amount
SECT_SP_MON_MAC_POS	Machine position
SECT_SP_MON_MOT_POS	Motor end FB

SECT_SP_MON_FB_ERROR	FB error
SECT_SP_MON_DFB_COMP	DFB correction amount
SECT_SP_MON_TAP_ERR	Tap error
SECT_SP_MON_TAP_P	Tap error 0 + p
SECT_SP_MON_TAP_M	Tap error 0 - p
SECT_SP_MON_TAP_MAX	Tap error p - p
SECT_SP_MON_SP_ERR	Main axis synchronization error
SECT_SP_MON_SP_P	Main axis synchronization error 0 + p
SECT_SP_MON_SP_M	Main axis synchronization error 0 - p
SECT_SP_MON_SP_MAX	Main axis synchronization error p - p
SECT_SP_MON_GBSP_ERR	GB synchronization error
SECT_SP_MON_GBSP_P	GB synchronization error 0 + p
SECT_SP_MON_GBSP_M	GB Sync error 0 - p
SECT_SP_MON_GBSP_MAX	GB synchronization error p - p
SECT_SP_MON_CONTROL_IN_1L	Control input 1 L
SECT_SP_MON_CONTROL_IN_1H	Control input 1 H
SECT_SP_MON_CONTROL_IN_2L	Control input 2L
SECT_SP_MON_CONTROL_IN_2H	Control input 2H
SECT_SP_MON_CONTROL_IN_3L	Control input 3L
SECT_SP_MON_CONTROL_IN_3H	Control input 3H
SECT_SP_MON_CONTROL_IN_4L	Control input 4L
SECT_SP_MON_CONTROL_IN_4H	Control input 4H
SECT_SP_MON_CONTROL_IN_5L	Control input 5L
SECT_SP_MON_CONTROL_IN_5H	Control input 5H
SECT_SP_MON_CONTROL_IN_6L	Control input 6L
SECT_SP_MON_CONTROL_IN_6H	Control input 6H
SECT_SP_MON_CONTROL_OUT_1L	Control output 1 L
SECT_SP_MON_CONTROL_OUT_1H	Control output 1 H
SECT_SP_MON_CONTROL_OUT_2L	Control output 2 L
SECT_SP_MON_CONTROL_OUT_2H	Control output 2H
SECT_SP_MON_CONTROL_OUT_3L	Control output 3 L
SECT_SP_MON_CONTROL_OUT_3H	Control output 3H
SECT_SP_MON_CONTROL_OUT_4L	Control output 4 L

SECT_SP_MON_CONTROL_OUT_4H	Control output 4H
SECT_SP_MON_CONTROL_OUT_5L	Control output 5 L
SECT_SP_MON_CONTROL_OUT_5H	Control output 5H
SECT_SP_MON_CONTROL_OUT_6L	Control output 6L
SECT_SP_MON_CONTROL_OUT_6H	Control output 6H
SECT_SP_MON_AMP_TYPE_NAME	Amplifier type name
SECT_SP_MON_AMP_MANUFACTURED_NUM	Amp model number
SECT_SP_MON_SW_VERSION	S / W version
SECT_SP_MON_MOTOR_EDGE_DETECTOR	Motor end detector
SECT_SP_MON_DGN_MOT_SNO	Model number of motor end detector
SECT_SP_MON_MCHN_EDGE_DETECTOR	Machine end detector
SECT_SP_MON_DGN_SCA_SNO	Machine end detector number
SECT_SP_MON_MOTOR	motor
SECT_SP_MON_WORKING_TIME	Operating time
SECT_SP_MON_ALARM_HISTORY1_TIME	Alarm history (hour) 1
SECT_SP_MON_ALARM_HISTORY2_TIME	Alarm history (hour) 2
SECT_SP_MON_ALARM_HISTORY3_TIME	Alarm history (hour) 3
SECT_SP_MON_ALARM_HISTORY4_TIME	Alarm history (time) 4
SECT_SP_MON_ALARM_HISTORY5_TIME	Alarm history (time) 5
SECT_SP_MON_ALARM_HISTORY6_TIME	Alarm history (hour) 6
SECT_SP_MON_ALARM_HISTORY7_TIME	Alarm history (hour) 7
SECT_SP_MON_ALARM_HISTORY8_TIME	Alarm history (time) 8
SECT_SP_MON_ALARM_HISTORY1_NUM	Alarm history (number) 1
SECT_SP_MON_ALARM_HISTORY2_NUM	Alarm history (number) 2
SECT_SP_MON_ALARM_HISTORY3_NUM	Alarm history (number) 3
SECT_SP_MON_ALARM_HISTORY4_NUM	Alarm history (number) 4
SECT_SP_MON_ALARM_HISTORY5_NUM	Alarm history (number) 5
SECT_SP_MON_ALARM_HISTORY6_NUM	Alarm history (number) 6
SECT_SP_MON_ALARM_HISTORY7_NUM	Alarm history (number) 7
SECT_SP_MON_ALARM_HISTORY8_NUM	Alarm history (number) 8
SECT_SP_MON_MNT1	MNT 1
SECT_SP_MON_MNT2	MNT 2
SECT_SP_MON_MNT3	MNT 3

SECT_SP_MON_MNT4	MNT 4
SECT_SP_MON_SYS	SYS