

CNC S-Variables (String Variables)

S-Variables in myCNC is an array of text strings, that can be used to display system text messages on the GUI.

The list of reserved S-variables is shown below

Addr	Variable Name	Description
7602	SVAR_CUTPROCESS_MATERIAL_THICKNESS GVAR_CUTPROCESS_MATERIAL_THICKNESS	
7680	GVAR_CUTPROCESS_TORCH_TYPE	Plasma torch name
7681	GVAR_CUTPROCESS_MATERIAL_TYPE	Material type
7682	GVAR_CUTPROCESS_SPECIFIC_MATERIAL	
7683	GVAR_CUTPROCESS_PLASMA_SHIELD_GASES	
7684	GVAR_CUTPROCESS_PROCESS	
7685	GVAR_CUTPROCESS_VENDOR	Vendor of Cutting process
7686	GVAR_CUTPROCESS_TECHNOLOGY	Cutting technology (plasma, gas, laser)
7687	GVAR_CUTPROCESS_REVISION	
7660	GVAR_CUTPROCESS_AGC_PLASMA_PREFLOW	
7661	GVAR_CUTPROCESS_AGC_SHIELD_PREFLOW	
7662	GVAR_CUTPROCESS_AGC_PLASMA_CUTFLOW	
7663	GVAR_CUTPROCESS_AGC_SHIELD_CUTFLOW	
7664	GVAR_CUTPROCESS_MGC_FUEL_PRESSURE	
7665	GVAR_CUTPROCESS_MGC_FUEL_FLOWRATE	
7666	GVAR_CUTPROCESS_MGC_OXYHEAT_PRESSURE	
7667	GVAR_CUTPROCESS_MGC_OXYHEAT_FLOWRATE	
7668	GVAR_CUTPROCESS_MGC_OXYCUT_PRESSURE	
7670	GVAR_CUTPROCESS_MGC_PLASMA_PREFLOW	
7671	GVAR_CUTPROCESS_MGC_SHIELD_PREFLOW	
7672	GVAR_CUTPROCESS_MGC_PLASMA_CUTFLOW	
7673	GVAR_CUTPROCESS_MGC_SHIELD_CUTFLOW	
8020	GVAR_JOB_FILENAME	
8100	SVAR_CURRENT_TOOL_ID	
8101	SVAR_CURRENT_TOOL_NAME	
8102	SVAR_CURRENT_TOOL_MATERIAL	
8103	SVAR_CURRENT_TOOL_DIAMETER	
8104	SVAR_CURRENT_TOOL_WORK_TIME	
8105	SVAR_CURRENT_TOOL_MAX_TIME	
8106	SVAR_CURRENT_JOB_PATH	
8107	SVAR_CURRENT_JOB_FILENAME	
8108	SVAR_CURRENT_JOB_FOLDER	

Addr	Variable Name	Description
8109	SVAR_CURRENT_JOB_SIZE	
9630	GVAR_SELECTED_TOOL_ID	
9631	GVAR_SELECTED_TOOL_NAME	
9632	GVAR_SELECTED_TOOL_MATERIAL	
9633	GVAR_SELECTED_TOOL_DIAMETER	
9635	GVAR_SELECTED_TOOL_PROGRESS	
9636	GVAR_SELECTED_TOOL_WORK_TIME	
9637	GVAR_SELECTED_TOOL_NUMBER	

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