Robotforum - Support and discussion community for industrial robots and cobots　　/　　Forum　　/　　Industrial Robot Support and Discussion Center　　/
Yaskawa Motoman Robot Forum

Torque Max Reached

MA

majidhd

13

⭐⭐⭐⭐⭐

Posts:	20

Oct 8th 2017

Dear All

In some times I have a fualt in subject" Torque Max Reach ".why its happen? and our robot has DX200
controller , in i/o alarm in 9064 this fualt is set ,how this fault appear ?
thanks alot for attention

Robodoc

40

Likes Received:	3
Trophies:	3
Posts:	655

☆　★　✎

Oct 8th 2017

Any alarm starting with a 9 is a user alarm. This has been programmed by someone to come up when
conditions are met. This is done in the concurrent I/O (CIO) program in your robot. Without knowing
where the robot came from (directly from Yaskawa or through an integrator) and not knowing the
application it's really hard to say what may cause this.

Robodoc

MA

majidhd

Oct 14th 2017

Dear sir , would you pls explain me where is the concurrent I/O (CIO) ? and how could I program them?

thanks a lot for attention

Posts: 20

Robodoc

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☆ ★ ✎

Oct 14th 2017

Concurrent I/O is under IN/OUT under the button LADDER PROGRAM only seen when in management security level. The CIO program is in two parts the system section that the end users can not edit and the user section that end users can edit. To change between sections use the page (or page down) key.

The program is written in Boolean and on an octal system (if you don't know what these terms mean stop now and do not try and edit the CIO).

You will need the CIO manual for the controller you are working with and you should read the CIO for beginners in this forum.

Alarms and messages require a "request" bit to make the alarm or message come up and a "selection" bit to choose (via binary) what alarm or message to display.

Robodoc

MA

majidhd

Posts: 20

Oct 19th 2017

Dear Robodoc
How to See(check) the servo motors condition? Like current , voltage , torque ,turn,..... Are there any parameter or specific outputs,... to monitor Our servo motors axis ?
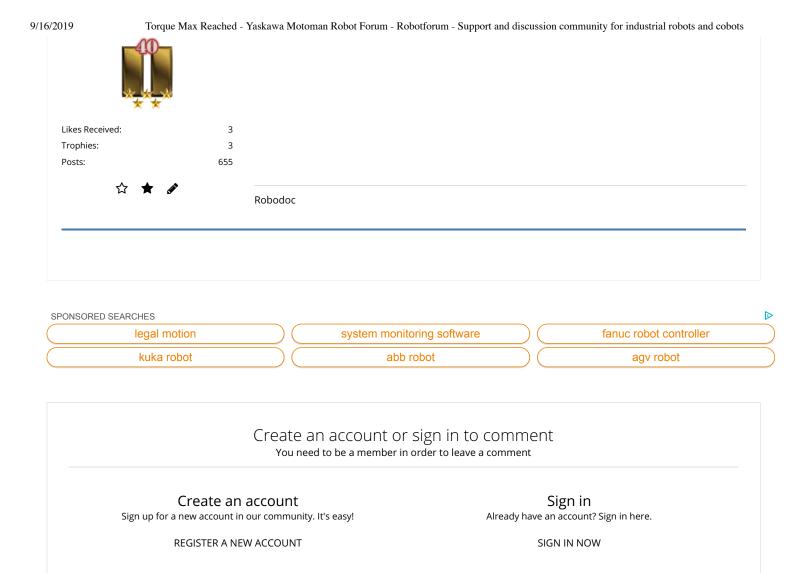thanks alot for attentions

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Robodoc

Oct 21st 2017

Under the ROBOT icon on the main menu, look for servo. The two coulombs can be changed by tapping the display button.

Likes Received:　　　　　　　3

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Robodoc

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