

Robot Safety Monitor Function – Safety for your employees!

October 14, 2016 New Product Introductions

Panasonic Robot & Welding launches new optional function for Panasonic robots & external axis

Safety Monitor is an optional function for Panasonic robots & external axis which monitors position or speed calculated from motor revolution data. This information is monitored and checked by two individual CPU equipped in Safety Monitor Card. Robot will generate error and stop under following circumstances:

1. When position or speed of robot or external axis deviates from the preset range and
2. When monitoring condition of two individual CPU shows different status.

These are some examples of advantages which you can gain by using Safety Monitor.

Area Monitor: by using this function, you will be able to set area of where robot needs to stay in. Robot will stop immediately once it is out of set range. By using this function you will be able to safely minimize the size of robot working area as well as eliminating some safety devices such as light curtain.

Tool Posture Monitor: by using this function, you will be able to make sure that your tool (such as welding torch) is facing within the set range. This function is especially useful when robot is holding a LASER head. By using this function you will be able safely assure that the LASER will never aim outside needed area.

