PRODUCT NEWS

Catalog Correction Notice

Manual

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The mistake of the print and the description is found in the manual that our company issued. It apologizes.

[Name of manual]

" G9SP Series Safety Controller OPERATION MANUAL" < Publication in June, 2014 >
< Manual number Z922-E1-04>

[Page of publishing]

Page 54 " 3-2-2 Local Input and Local Output Reaction Times" Reaction Time Formula

[Correction method]

We revise the manual.

[Content of correction]

To modify the reaction times of OMRON Safety Sensors/Switches, please verify all safety chains.

Before

The safety sensor/switch reaction times are given below for when OMRON Safety Sensors or Switches are connected directly to the G9SP-series Controller.

E3ZS or E3FS Single Beam Safety Sensor: 10 ms
D40A Non-contact Switch: 6 ms + 0.4 ms × Number of connected Switches
D40Z Non-contact Switch: 6 ms + (Cycle time × 2) ms
UM Safety Mat: 10 ms

After

The safety sensor/switch reaction times are given below for when the following OMRON Safety Sensors or Switches are connected directly to the G9SP-series Controller.

Connected device	Safety Sensor/Switch reaction time	Cycle Time
E3ZS/E3FS Single-beam Safety Sensors	2 ms + (Cycle Time × 3) ms	Cycle Time = 4 ms
	2 ms + (Cycle Time × 2) ms	5 ms ≦ Cycle Time ≦ 9 ms
	2 ms + (Cycle Time × 1) ms	10 ms ≦ Cycle Time
D40A Non-contact Switch	6 ms + 0.4 ms × Number of connected Switches	---
D40Z Non-contact Switch	31 ms	Cycle Time ≦ 10 ms
	(Cycle Time × 3) ms	11 ms ≦ Cycle Time
UM Safety Mat	(Cycle Time × 3) ms	Cycle Time = 4 ms
	(Cycle Time × 2) ms	5 ms ≦ Cycle Time ≦ 8 ms
	(Cycle Time × 1) ms	9 ms ≦ Cycle Time

Please contact us if you need any further assistance or information.

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