

Catalog Correction Notice

Issue Date February 1, 2024

MRO

No. 2024001DE

The mistake of the description is found in the catalog / manual that our company issued. We apologize.

[Name of catalog / manual]

RFID System V680 Series

- 1. "Datasheet " < Publication in October, 2019 > < Catalog number Q267-E1-01_20>
- 2. "User's Manual ID Controller" < Publication in October, 2014 > < Manual number Z249-E1-11>
- 3. "User's Manual Hand-held Reader Writer" < Publication in February,2019 > < Manual number Z272-E1-07>
- 4. "User's Manual DeviceNet ID Slave" < Publication in December,2019 > < Manual number Z278-E1-09>
- 5. "User's Manual FL Remote ID" < Publication in November, 2018 > < Manual number Z268-E1-07>
- 6. "User's Manual ID Flag Sensor" < Publication in November, 2018 > < Manual number Z279-E1-08>
- 7. "User's Manual Amplifiers/Antennas/RF Tags(FRAM)" < Publication in February,2017 > < Manual number Z248-E1-09>

[Page of publishing]

- 1. Page 9, 10 "Ratings and Performance"
- 2. Page 277 "RF Tag Memory Capacty and Memory Type"
- 3. Page 150 "RF Tag Memory Capacty and Memory Type (V680 Series)"
- 4. Page 111, 112, 113 "General Specifications", Page 218 "RF Tag Memory Capacty and Memory Type"
- 5. Page 98 "General Specifications", Page 193 "RF Tag Memory Capacty and Memory Type"
- 6. Page 103, 104, 105 "General Specifications", Page 207 "RF Tag Memory Capacty and Memory Type"7. Page 31, 32, 33 "General Specifications"

[Correction method]

We revised them.

[Content of correction] 1.Datasheet

| Before | | After | |
|---|---|---|--|
| Ratings and Perf | ormance | Ratings and Perf | ormance |
| RF Tag (2-kbyte Memory) | | RF Tag (2-kbyte Memory) | |
| Item | V680-D2KF52M | Item | V680-D2KF52M |
| Data retention time *1 | 10 years after writing (55°C max.) | Data retention time *1 | 10 years after writing (85°C or less) |
| Write endurance | Access frequency per block *2: 10 billion times | Write endurance | One trillion writes for each block(85°C or less), Access frequency *2: One trillion writes |
| Ambient operating temperature | −25 to 85°C (with no icing) | Ambient operating temperature | −20 to 85°C (with no icing) |
| Ambient operating humidity | 35 to 95% | Ambient operating humidity | 35 to 85% |
| Bolt RF Tags (2-1 Item | V680-D2KF52M-BT01 V680-D2KF52M-BT11 | Bolt RF Tags (2-) | V680-D2KF52M-BT01 V680-D2KF52M-BT11 |
| | V680-D2KF52M-BT11 | | V680-D2KF52M-BT11 |
| Data retention time | 10 years after writing (55°C or less), 2.9 years after writing (85°C max.) | Data retention time Write endurance | 10 years after writing (85°C or less) One trillion writes for each block(85°C or |
| Write endurance | 10 billion reads/writes per block, Number of accesses *1: 10 billion times | | less), Access frequency *1: One trillion writes |
| Ambient operating temperature (during communication) | -25°C to 85°C (with no icing) | Ambient operating temperature (during communication) | -20°C to 85°C (with no icing) |
| Ambient storage temperature (during data backup) | -40°C to 85°C (with no icing) | Ambient storage temperature (during data backup) | −40°C to 125°C (with no icing) |
| Ambient operating humidity | 35 to 95% | Ambient operating humidity | 35 to <mark>85</mark> % |

2.User's Manual

| Before RF Tag Memory Capacity and Memory Type | | After RF Tag Memory Capacity and Memory Type | |
|--|---|--|---|
| | | | |
| V680-D2KF52M V680-D2KF52M-BT01 V680-D2KF52M-BT11 | Access frequency: 10 billion times Data retention: 10 years after writing(55°C or less) | V680-D2KF52M V680-D2KF52M-BT01 V680-D2KF52M-BT11 | Access frequency: One trillion times Data retention: 10 years after writing(85°C or less) |

RF Tag Memory Capacity and Memory Type(V680 Series)

| Model | Life expectancy |
|--------------|--|
| V680-D2KF52M | Access frequency: 10 billion times |
| | Data retention: 10 years after |
| | writing(55°C or less) |

General Specifications

| | V680-D2KF52M |
|-------------------------------|---|
| Item | V680-D2KF52M-BT01 |
| | V680-D2KF52M-BT11 |
| Data Retention | 10 years after writing (55°C or less), 2.9 years after writing (55 to 85°C) |
| Write Endurance | 10 billion times per block(85°C or less), Access frequency see note 1: 10 billion times |
| Ambient operating temperature | −25°C to 85°C (with no icing) |
| Ambient storage temperature | −40°C to 85°C (with no icing) |
| Ambient operating humidity | 35 to 95% |
| | |

RF Tag Memory Capacity and Memory Type(V680 Series)

| Model | Life expectancy |
|--------------|--------------------------------------|
| V680-D2KF52M | Access frequency: One trillion times |
| | Data retention: 10 years after |
| | writing(85°C or less) |

General Specifications

| | V680-D2KF52M |
|-------------------------------|--|
| Item | V680-D2KF52M-BT01 |
| | V680-D2KF52M-BT11 |
| Data Retention | 10 years after writing (85°C or less) |
| Write Endurance | One trillion writes for each block(85°C or less), Access frequency see note 1: One trillion writes |
| Ambient operating temperature | -20°C to 85°C (with no icing) |
| Ambient storage temperature | -40°C to 125°C (with no icing) |
| Ambient operating humidity | 35 to 85% |

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Specifications in this product news are as of the issue date and are subject to change without notice. Only main changes in specifications are described in this document. Please be sure to read the relevant catalogs, datasheets, product specifications, instructions, and manuals for precautions and necessary information when using products.