

## 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	<ul> <li>Access frequency: 10 billion times</li> </ul>
	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%

### OMRON

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.