

# F\_NVE18CHECK

## function from adhoc

Entrypoint nve18check compatible with UTF-8

## Inputs/Outputs

|        |              |                           |
|--------|--------------|---------------------------|
| Input  | CSTRING(250) | number to check as string |
| Output | INTEGER      | checkdigit from input     |

## Syntax

Calculating the checkdigit of a GTIN number. Spaces, hyphens and digits more than max. length are ignored.

Test-SQL

```
SELECT 0 AS ISCORRECT, F_GTIN8CHECK('1234567') FROM RDB$DATABASE;  
SELECT 0 AS ISCORRECT, F_GTIN8CHECK('1-2a3b4c5d6e7fxx999') FROM  
RDB$DATABASE;  
SELECT NULL AS ISCORRECT, F_GTIN8CHECK(NULL) FROM RDB$DATABASE;  
SELECT 2 AS ISCORRECT, F_UPC12CHECK('12345678901') FROM RDB$DATABASE;  
SELECT 7 AS ISCORRECT, F_GTIN13CHECK('762220000460') FROM RDB$DATABASE;  
SELECT 8 AS ISCORRECT, F_GTIN14CHECK('0123456789012') FROM RDB$DATABASE;  
SELECT 0 AS ISCORRECT, F_NVE18CHECK('01234567890123456') FROM  
RDB$DATABASE;  
SELECT NULL AS ISCORRECT, F_GTIN8CHECK(NULL) FROM RDB$DATABASE;
```

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Last update: 2023/04/18 16:37

