

```
VAR
IsBOOL : ARRAY[ 0..5 ] OF BOOL; (* BOOL Type *)
IsUSINT : ARRAY[ 0..6 ] OF USINT; (* USINT Type *)
IsUINT : ARRAY[ 0..4 ] OF UINT; (* UINT Type *)
END_VAR
```

```
1 (* ***** *)
2 (* ESEMPI DI CONVERSIONE TIPO DATI *)
3 (* ***** *)
4 (* Esempi di conversione tipo dati. *)
5 (* ----- *)
6     (* BOOL conversion examples. *)
7
8     IsBOOL[0]:=TO_BOOL(0); (* Result: FALSE *)
9     IsBOOL[1]:=TO_BOOL(1); (* Result: TRUE *)
10    IsBOOL[2]:=TO_BOOL(16#1234); (* Result: TRUE *)
11
12    IsBOOL[3]:=TO_BOOL(-10.0); (* Result: TRUE *)
13    IsBOOL[4]:=TO_BOOL(0.0); (* Result: FALSE *)
14    IsBOOL[5]:=TO_BOOL(10.0); (* Result: TRUE *)
15
16    (* USINT conversion examples. *)
17
18    IsUSINT[0]:=TO_USINT(16#0000); (* Result: 0 *)
19    IsUSINT[1]:=TO_USINT(16#1234); (* Result: 52 *)
20
21    IsUSINT[2]:=TO_USINT(16#00000000); (* Result: 0 *)
22    IsUSINT[3]:=TO_USINT(16#12345678); (* Result: 120 *)
23
24    IsUSINT[4]:=TO_USINT(-300.0); (* Result: 212 *)
25    IsUSINT[5]:=TO_USINT(0.0); (* Result: 0 *)
26    IsUSINT[6]:=TO_USINT(300.0); (* Result: 44 *)
27
28    (* UINT conversion examples. *)
29
30    IsUINT[0]:=TO_UINT(16#00000000); (* Result: 0 *)
31    IsUINT[1]:=TO_UINT(16#12345678); (* Result: 22136 *)
32
33    IsUINT[2]:=TO_UINT(-90000.0); (* Result: 41072 *)
34    IsUINT[3]:=TO_UINT(0.0); (* Result: 0 *)
35    IsUINT[4]:=TO_UINT(90000.0); (* Result: 24464 *)
36
37 (* [End of file] *)
38
```

Project : DataConversion

PROGRAM : Conversion

Release : DataConver

Ver :1.00

Author :

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Note :

Page:1 of 1