

Xelity 4TX managed switch 4 port 1000Mbit ProfiNet IP20

The Xelity product range is intended for use in industrial environments. The switches have TX ports for twisted pair cables  
4-port PROFINET managed switch in IP20 plastic housing  
4 RJ45 ports with Gigabit transmission speed  
Power connection via push-in terminals  
Connection cables are in the online shop under "Connection Technology".

Link to Product

Illustration



Product may differ from Image



| Commercial data           |               |
|---------------------------|---------------|
| ECLASS-6.1                | 19170106      |
| ECLASS-7.0                | 19170106      |
| ECLASS-8.0                | 19170106      |
| ECLASS-9.0                | 19170401      |
| ECLASS-10.1               | 19170401      |
| ECLASS-11.1               | 19170401      |
| ECLASS-12.0               | 19170401      |
| customs tariff number     | 85176200      |
| GTIN                      | 4065909004678 |
| Packaging unit            | 1             |
| Electrical data   Supply  |               |
| Operating voltage DC      | 24 V          |
| Operating voltage DC min. | 9 V           |
| Operating voltage DC max. | 30 V          |
| Idle current min.         | 82,5 mA       |
| Idle current max.         | 137,5 mA      |
| Power consumption max.    | 2,8 W         |
| Current consumption max.  | 300 mA        |
| Industrial communication  |               |
| Supported protocol        | PROFINET      |

Data transmission rate max. 100 MBit/s

#### Industrial communication | Ethernet functionality

|                  |                |
|------------------|----------------|
| Auto-crossover   | yes            |
| Auto-negotiation | yes            |
| duplex           | Full duplex    |
| LLDP frames      | forwarding     |
| Ring topology    | RSTP, MRP, STP |
| Switch type      | managed        |

#### Industrial communication | Profinet

|                            |      |
|----------------------------|------|
| FSU (Fast-Start-Up)        | no   |
| MRP client                 | yes  |
| PROFINET Netload Class     | III  |
| PROFINET addressing        | DCP  |
| PROFINET conformance class | B    |
| PROFINET specification     | V2.4 |
| Shared device/input        | no   |

#### Industrial communication | IIoT functions

|           |             |
|-----------|-------------|
| Webserver | HTTP, HTTPS |
|-----------|-------------|

#### Switch Management

|                                           |                                          |
|-------------------------------------------|------------------------------------------|
| Addressing                                | BOOTP/DHCP client, DCP, SSH-Befehlszeile |
| RSTP (IEEE 802.1D-2004, IEC 62439-1)      | Default on                               |
| Simple Network Management Protocol (SNMP) | v1 + v2c + v3 (default active)           |
| VLAN managed (IEEE 802.1Q)                | yes                                      |
| VLANs max. (IEEE 802.1Q)                  | 64                                       |
| Time synchronization                      | Real-time clock, NTP client              |

#### Diagnostics

|                    |                                  |
|--------------------|----------------------------------|
| Alarm contact      | yes                              |
| Diagnostic         | No voltage                       |
| Remote maintenance | Open VPN client                  |
| LED display        | Ethernet connection/data traffic |
| Port mirroring     | 1:1, N:1                         |
| RMON               | yes                              |
| SNMP traps         | yes                              |
| Syslog             | yes                              |

#### Device protection | Electrical

|                                     |      |
|-------------------------------------|------|
| Degree of protection (EN IEC 60529) | IP20 |
| Invers-polarity protection          | yes  |
| Over voltage protection             | yes  |

#### Mechanical data | Material data

|                  |         |
|------------------|---------|
| Color housing    | gray    |
| Material housing | Plastic |

#### Mechanical data | Mounting data

|                            |                                |
|----------------------------|--------------------------------|
| Mounting method            | geschnappt                     |
| Suitable for mounting type | Mounting rail TH35, (EN 60715) |
| Height                     | 140 mm                         |
| Width                      | 30 mm                          |
| Depth                      | 85,1 mm                        |

#### Environmental characteristics | Climatic

|                            |        |
|----------------------------|--------|
| Operating temperature min. | -40 °C |
| Operating temperature max. | 75 °C  |
| Derating from              | 70 °C  |

|                                    |                      |
|------------------------------------|----------------------|
| Storage temperature min.           | -40 °C               |
| Storage temperature max.           | 85 °C                |
| Transport temperature min.         | -40 °C               |
| Transport temperature max.         | 85 °C                |
| Relative humidity min. (operation) | 5 %                  |
| Relative humidity max. (operation) | 95 % no condensation |

**Connection type 2**

|                          |                           |
|--------------------------|---------------------------|
| Connection type 1        | 4                         |
| Family construction form | RJ45                      |
| Gender                   | female                    |
| Color contact carrier    | black                     |
| No. of poles             | 8                         |
| PIN 1                    | DA +                      |
| PIN 2                    | DA -                      |
| PIN 3                    | DB +                      |
| PIN 4                    | DC +                      |
| PIN 5                    | DC -                      |
| PIN 6                    | DB -                      |
| PIN 7                    | DD +                      |
| PIN 8                    | DD -                      |
| Connection               | Spring clamp terminals FK |
| Family construction form | terminal                  |
| Gender                   | female                    |
| Color contact carrier    | green                     |
| No. of poles             | 4                         |
| PIN 1                    | 24 V DC (UB 1)            |
| PIN 2                    | 0 V                       |
| PIN 3                    | PE                        |
| PIN 4                    | n.c.                      |