

**B&R - X20 System****X20DI4760**

## NAMUR Digital Input and Counter Module

**Product identity and technical data**

|                         |                                                |
|-------------------------|------------------------------------------------|
| NAMUR inputs            | 4                                              |
| Input standard          | NAMUR encoder per EN 60947-5-6                 |
| Event counters          | 4 × 8-bit                                      |
| Open-circuit detection  | <350 µA                                        |
| Short-circuit detection | >7 mA                                          |
| Required terminal block | X20TB12, ordered separately                    |
| Compatible bus modules  | X20BM11 or X20BM15, ordered separately         |
| Degree of protection    | IP20                                           |
| Operating temperature   | -25 to 60 °C horizontal; -25 to 50 °C vertical |

**Documented role**

B&R X20DI4760 is a 4-channel NAMUR digital input module with open-circuit and short-circuit detection and four event counters for the X20 System.

**Documented applications**

- NAMUR proximity-sensor and encoder signal acquisition in process-control systems
- Per-channel line-fault monitoring for field instrumentation
- Low-frequency event counting from NAMUR sensors or compatible switches

**Selection and installation checks**

X20DI4760 requires a separately ordered terminal block and X20 bus module; verify the complete material number, NAMUR sensor type, line-fault thresholds, counter settings, power group, Automation Studio configuration, and environmental conditions before replacement.