

## INDUSTRIAL COMPONENT DATA

# XN-322-2DMS-WM 178793 Y7-178793 EATON ELECTRIC

## Weighing module 2 DMS 24-bit

Brand: EATON - MOELLER | Manufacturer Part Number: XN-322-2DMS-WM



|                 |                                                            |
|-----------------|------------------------------------------------------------|
| Manufacturer    | EATON - MOELLER                                            |
| MPN / Reference | XN-322-2DMS-WM                                             |
| Catalog number  | Y7-178793                                                  |
| Category        | Fieldbus, decentr. periphery - function-/technology module |
| Minimum order   | 1 Pcs                                                      |
| Document ID     | EO-7E4F33D3E8                                              |
| Generated       | 2026-08-02                                                 |

### Product Overview

Weighing module; 2 DMS; 24-bit

XN-322-2DMS-WM

Eaton XN-322 Weigh module, 2 DMS, 24 bits

Weigh module for connecting two Wheatstone bridges (strain gauge load cells). With a 24-bit resolution, readings will be available with an accuracy of  $\pm 0.035\%$ .

## STRUCTURED PRODUCT DATA

### Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

### Classification & Catalog Path

Catalog path EATON - MOELLER > Remote I / O Modules XN300

### Additional Product Information

General specifications

Product Name Eaton XN-322 Weigh module Catalog Number 178793 Model Code XN-322-2DMS-WM EAN

7640130098275 Product Length/Depth 104.2 mm Product Height 16.8 mm Product Width 80.3 mm Product Weight 0.061 kg Certifications IEC/EN 61000-6-2

CULus

UL File No.: E135462

IEC/EN 61131-2

IEC/EN 61000-6-4

CE Features & Functions

Features Fieldbus connection over separate bus coupler possible Fitted with: Parameterizable Software input filter General

Current consumption 50 mA (typ.), for +5 V power supply (internal), Power supply - Input

34 mA (typ.), for +24 V, Power supply - Input Degree of protection IP20

NEMA 1 Mounting method Rail mounting possible Number of channels 2, Analog Inputs Overvoltage category III Pollution degree 3 Product category XN-322 weigh module Resolution 24 Bit (Analog inputs) Suitable for Weighting Type XN300 technology module Used with XN300

XN-312-... Voltage type DC Ambient conditions, mechanical

Height of fall (IEC/EN 60068-2-32) - max 1 m Mounting position Horizontal Shock resistance 15 g, Mechanical, Half-sinusoidal shock 11 ms, 18 Impacts Vibration resistance 5 - 8.4 / 8.4 -150 Hz, 3,5 mm / 1 g Climatic environmental conditions

Air pressure 795 - 1080 hPa (operation) Ambient operating temperature - min 0 °C Ambient operating temperature - max 60 °C Ambient storage temperature - min -20 °C Ambient storage temperature - max 85 °C Climatic proofing Dry heat to IEC 60068-2-2

Damp heat, constant, to IEC 60068-2-3 Environmental conditions C...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / XN-322-2DMS-WM with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

### GLOBAL OFFICES

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