# NORGREN

Incorporating **BUSCHJOST**

# 83491xx.0000.xxxxx
# Microcontroller-operated valve controller

> **For the cycle control of electromagnetic valves in industrial dust filter systems**

> **Flexible design concept: Casing version or standard rail support**


Casing version *1)


Standard rail support

CE ⟨Ex⟩

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## Technical features

**Power supply:**
230 V a.c., 50 - 60 Hz
or 24 V d.c.
**Current consumption:**
30 VA
**Operating temperature:**
–20 ... +50°C (4 ... +122°F)
Ex area:
–20 ... +40 °C (4 ... +102°F)
**Valve outputs:**
8
**Displays:**
LED
1 x green „Operation"
1 x yellow „Cleaning"
8 x red assigned to the valves

**Control elements:**
Start button
Set cycles are executed
Test button
The next valve is cleaned
Rotary selector switch
Number of valves from 1...8
Cycle setting
Potentiometer
Pulse setting, Pause setting

**Versions:**
- Dust-proof plastic casing with transparent cover
- Installation on standard rail support
- PCB with collar sleeves for assembly with M4 screws
**Electrical connection:**
Cage clamp terminal strips
**Valve current:**
1 A at a pulse time > 1 s and a pause > the pulse time, output short-circuit-proof

**Approval:**
*1) Ex tD A22 IP65 T60°C
⟨Ex⟩ II 3D Ex tb IIIB T60°C DC
(only casing version)
**Dimensions:**
180 x 130 x 78 mm

## Technical datas – standard models

| Description | Model | Model |
| --- | --- | --- |
| | Input voltage in 24 V d.c. | Input voltage in 230 V a.c. |
| Casing version *1) | 8349000.0000.02400 *1) | 8349000.0000.23059 *1) |
| Standard rail support | 8349010.0000.02400 | 8349010.0000.23059 |

*1) see Approval

## Accessories

| Description | Model |
| --- | --- |
| Connection set: 1 x cable gland M25, 2 x cable gland M32 incl. multiple sealing inserts and sealing bolts | 1700933.0000.00000 |

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# IMI