



# Status 290S®

## Universal Mount Weigh Controller



### Features

- High precision weigh controller with 24 bit resolution.
- 10-32vdc or 110-240vac power supply models.
- Weights and Measures OIML R76 & MID R61 approval.
- Bright OLED display for easy viewing in all light conditions.
- 3 volts free relay contact outputs and 2 configurable digital inputs.
- Sealing to IP66.
- Real time clock.
- Capability to monitor and alarm individual load cell faults including out of range, out of balance and cable break faults via the on board CAN BUS interface when used in conjunction with the AW Intelligent load cell junction box.
- Designed and manufactured in the UK.

### Options

- Ethernet TCP/IP, Ethernet IP (2 port), Profibus DP, Profinet, Modbus & EtherCAT.
- Configurable 4-20mA, 0-20mA,  $\pm 10\text{v}$ ,  $\pm 5\text{vdc}$  & 0-10vdc analogue outputs with 16 bit resolution & RS232 output.
- Wall or panel mount.

### Description

The Status 290S® is a high precision Weigh Controller. It offers a choice of batch control and communication interfaces for most industrial weighing applications. The Status 290S® is supplied in an IP66 stainless steel glanded enclosure. The simple keypad allows for easy set up, with all settings stored in memory. The Status 260S® is supplied as standard with 3 configurable volts free outputs and 2 digital inputs for control.



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# ENGINEERING SPECIFICATIONS

## STATUS 290S® SURFACE MOUNT WEIGH CONTROLLER

### Specifications

#### Housing

304 Stainless steel, with plastic cable glands to IP66.

#### Display

Bright OLED 256x64 pixel display.

#### Dimensions

See below.

#### Supply voltage

10-32vdc or 85-264vac (10W) internally fused.

#### Inputs and output

2 x Digital TTL inputs rated at upto 48vdc.  
3 x Relays - contacts rated upto 240vac 1A resistive.  
On board 24vdc 80mA isolated power supply.  
RS232 port.

#### Environmental conditions

Operation: -10°C to +50°C, Storage: -40°C to +70°C.

#### Weight

2.10kg.

#### Load Cell Excitation

5vdc @ 300mA up to 8 off 350Ω or 16 off 700Ω cells.  
or 4 off 350Ω/700Ω with the IT Junction box.  
Connection for 4/6 wire with voltage sense, or via the CAN bus/24vdc when used with the IT Junction Box.

#### Accuracy

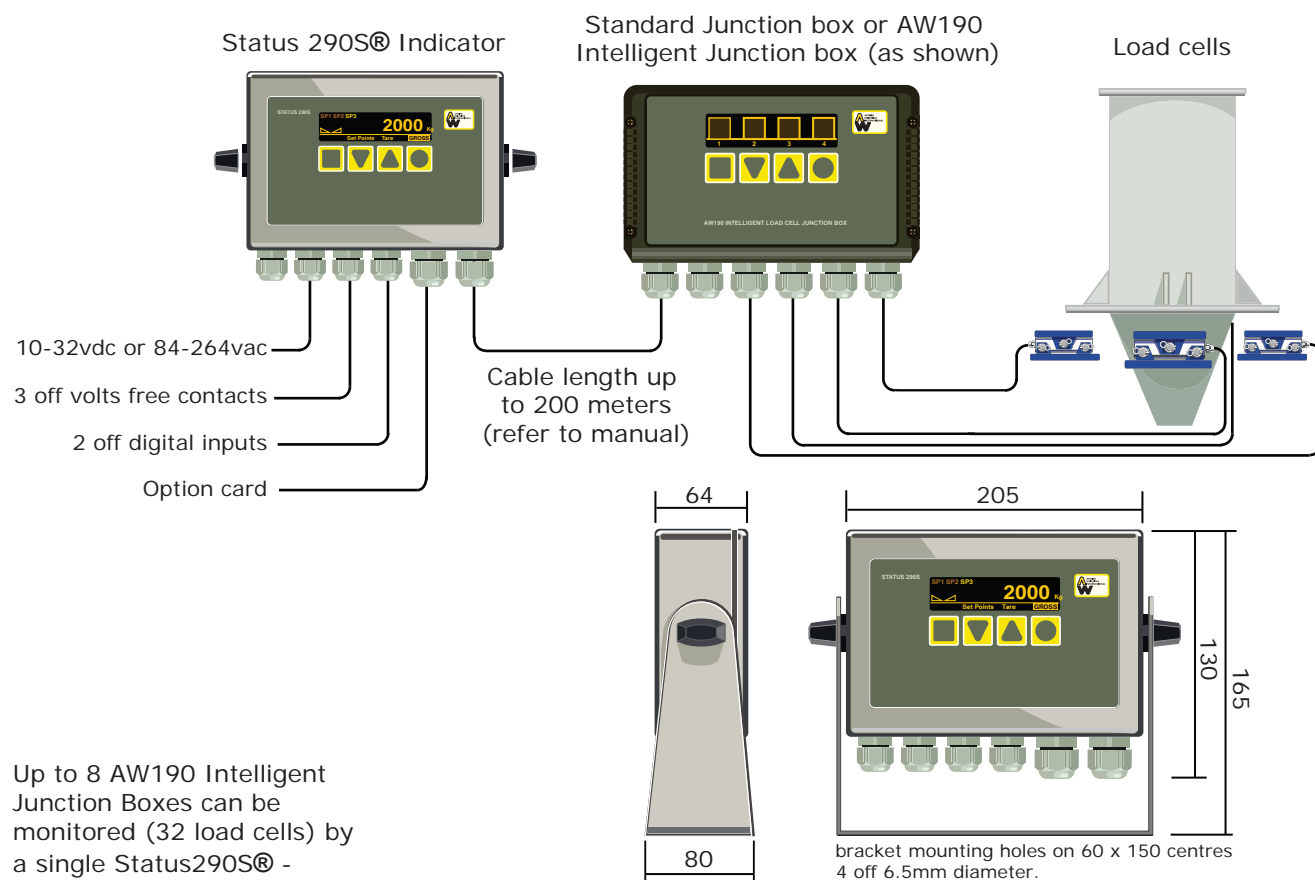
±3ppm/°C (-10°C to +50°C)

#### Optional Analogue output

Configurable 4-20mA, 0-20mA, 0-10vdc, 0-5vdc  
±10vdc or ±5vdc. Isolated from the supply,  
16 bit resolution, drift 5ppm/°C (-10°C to +50°C).

### PART NUMBERS

Part Number	Description	Part Number	Description
AW290/S0000	Status 290S DC version	AW260/00030	Ethernet IP (Dual) option card
AW290/S0001	Status 290S AC version	AW260/00040	Profinet output card
AW260/00010	Ethernet TCP/IP option card	AW260/00050	EtherCAT (Dual) option card
AW260/00020	Profibus DP option card	AW260/00060	Modbus (Dual) TCP/IP option card
		AW260/00100	Analogue and RS232 option card



Refer to installation documents before use.

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