


Model 80245 Compact Junction Box

- IP65 enclosures for load cell cable connections
- Compact size suitable for vessel or platform scale applications
- Low cost
- ATEX EExi and EExe versions available for Zones Z1, Z21 and Z2, Z22 
- 316L stainless steel enclosure
- High quality cage clamp terminals
- Sealed cable glands
- Simple installation and connections



Compact junction box

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The 80245 series of junction boxes provide a convenient method of terminating and summing load cell cables. The enclosure is manufactured from 316L stainless steel and incorporates polyamide cable glands fitted with santoprene seals, thus avoiding the need to plug unused entries. A high quality cage clamp connector is employed to permit simple but secure connection of the load cell cables.



Compact junction box - inside view

Three models available

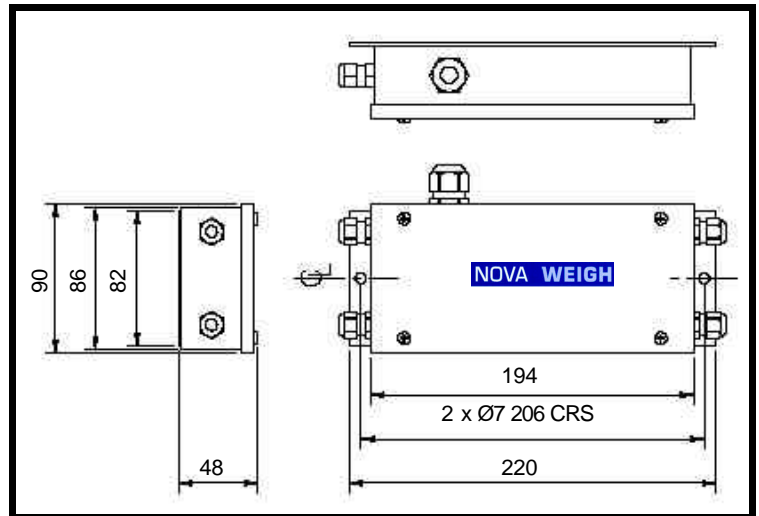
Three models are available - standard for safe area use and two ATEX models for EExi and EExe applications. The EExi version is classed as simple apparatus and is suitable for use in EExi Z1 gas and dust applications and the EExe version is certified EExe II3 G/D.

TECHNICAL SPECIFICATION

Enclosure material:	316L stainless steel
Finish:	Brush grain
Cable entries:	Four load cells and one instrument entry
Gland material:	Polyamide 6
Gland seals:	Santoprene
Gland colours:	Standard version - black EExi and EExe versions - blue
Load cell cable sizes:	3.5 mm - 6 mm dia
Instrument cable sizes:	5 mm - 8 mm
Terminal type:	Cage clamp
Conductor sizes:	0.08 mm ² - 2.5 mm ² unferruled (certified for hazardous area use with unferruled conductors)
Terminal colours:	Standard and EExe versions - grey EExi version - blue
Ingress protection:	IP65
Operating temperature:	-40°C to +80°C
Certification:	EExe model EExe II3 G/D
Order numbers:	80245S - standard model 80245I - EExi I model 80245E - EExe model

Nova Weigh's policy of constant product development dictates that we may alter specifications and or the appearance of our product range without notice.

DIMENSIONS (mm)



Compact junction box



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BS EN ISO 9001:2000 Cert No: FM 11445

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