



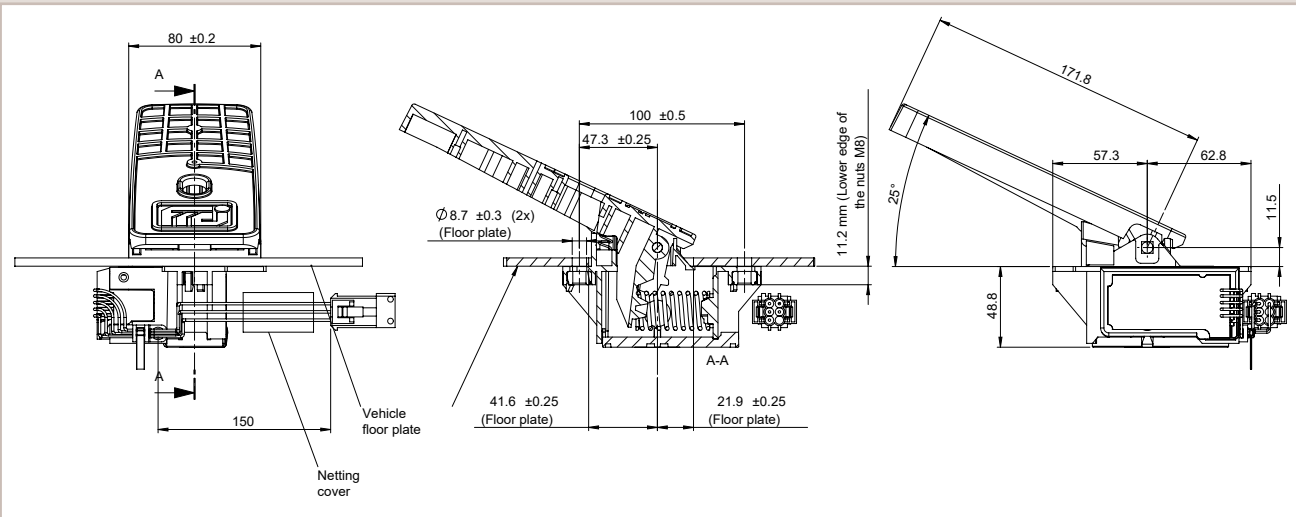
## PREMO INTENSITY ACCELERATOR AND BRAKE PEDAL

Underfloor mounting makes the PREMO INTENSITY pedal very ergonomic. The difference between the accelerator and the brake pedal lies in the spring force. The electronics are available in a number of versions with different output characteristics for the connection to the traction controller.

The non-contacting Hall-effect sensors and the completely sealed electronics make this pedal suitable for use in particularly harsh environments. A special feature of the PREMO INTENSITY pedal is its functional safety in accordance with EN ISO 13849.

- Underfloor mounting for ergonomic operation
- Non-contacting Hall-effect technology
- For safety-related applications according to EN ISO 13849
- Various supply voltages available
- Various output signals available
- Various connectors available
- Ideal for harsh environmental conditions
- Electronics: Protection class IP 65

## Dimensions [mm]



### Technical data

Rated operating voltage	See separate datasheet
Power consumption	See separate datasheet

### Analogue output signal

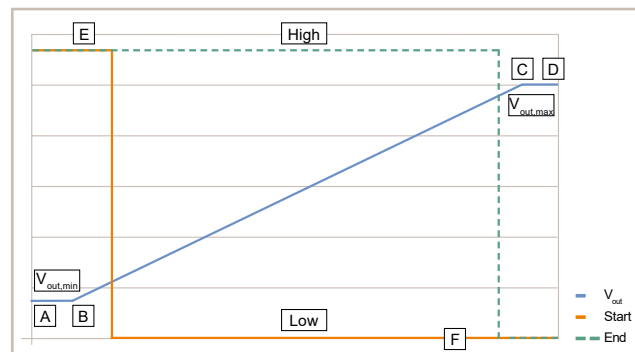
Neutral position	1.5 V ± 0.3 V
End-point position	5.0/10.0 V ± 0.3 V
	See versions

Mechanical angle of rotation	Approx. 15°
Electrical angle of rotation	Approx. 3° – approx. 14°

### Start signal

Max. voltage supply	± 30%
Max. permissible current	25 mA
Switching point start signal	See separate datasheet

### Digital signals active-low



### Different accelerator and brake pedal versions

Designation	Accelerator pedal 12/10	Accelerator pedal 12/5	Accelerator pedal 24/5	Accelerator pedal 24/10	Brake pedal 12/10	Brake pedal 12/5	Brake pedal 24/5	Brake pedal 24/10
Item No.	3103-00600-00	3103-00600-01	3103-00600-02	3103-00600-04	3103-00601-00	3103-00601-01	3103-00601-02	3103-00601-04
Voltage supply	12 V	12 V	24 V	24 V	12 V	12 V	24 V	24 V
Analogue signal	1.5 – 10.0 V	0.3 – 5.0 V	0.3 – 5.0 V	1.5 – 10.0 V	1.5 – 10.0 V	0.3 – 5.0 V	0.3 – 5.0 V	1.5 – 10.0 V
Digital signals	active-low	active-low	active-low	active-low	active-low	active-low	active-low	active-low
Start/stop								
PIN 1	GND	GND	GND	GND	GND	GND	GND	GND
PIN 2	+UB	+UB	+UB	+UB	+UB	+UB	+UB	+UB
PIN 3	V <sub>out</sub> Accelerator pedal	V <sub>out</sub> Accelerator pedal	V <sub>out</sub> Accelerator pedal	V <sub>out</sub> Accelerator pedal	–	–	–	–
PIN 4	Start signal	Start signal	Start signal	Start signal	Start signal	Start signal	Start signal	Start signal
PIN 5	End signal	End signal	End signal	End signal	End signal	End signal	End signal	End signal
PIN 6	–	–	–	–	V <sub>out</sub> Brake pedal	V <sub>out</sub> Brake pedal	V <sub>out</sub> Brake pedal	V <sub>out</sub> Brake pedal
Plug-in connector	Tyco/AMP, male 6-pin 1-962349-1	Tyco/AMP, male 6-pin 1-962349-1	Tyco/AMP, male 6-pin 1-962349-1	Tyco/AMP, male 6-pin 1-962349-1	Tyco/AMP, male 6-pin 1-962349-1	Tyco/AMP, male 6-pin 1-962349-1	Tyco/AMP, male 6-pin 1-962349-1	Tyco/AMP, male 6-pin 1-962349-1