

Single Uncovered Foot Switches



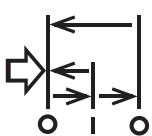
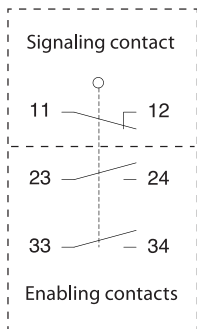
Enabling Foot Switch without Cover

The enable foot switch provides two enabling contacts and one signaling contact and is available with or without latch. If the pedal is pressed up to pressure point, the two enable contacts are closed. If the pedal is released, the enable contacts are open again. If the pedal is pressed past the pressure point, to the bottom position, the positive opening action enabling contacts are opened. When the pedal is released from the bottom position, the enabling contacts remain open through the center position to the top. For the application of an enable device, the rules for DIN EN ISO 12100 and DIN EN 60204-1 apply.

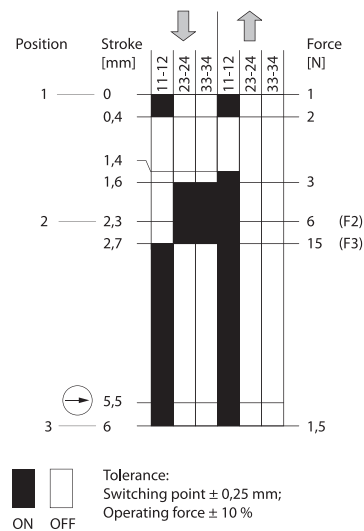
The programmable signaling contact can be used to indicate a fixed position, with a PNP output. By combining both outputs you can determine if the actuation position was made with the top position- the OFF position of the enable contacts (the actuator is not pressed) - or the bottom position - the OFF position of the operating contacts (the actuator is fully pressed).



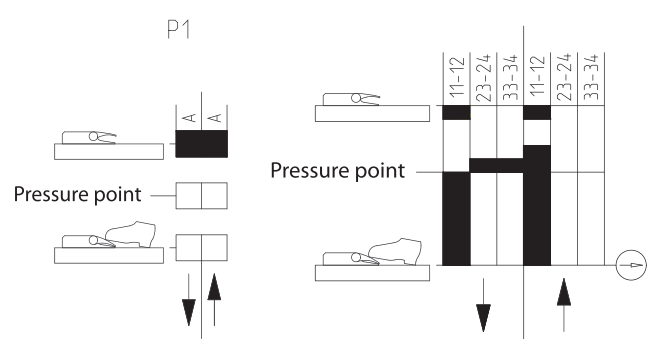
Circuit symbol



Switching diagram



Switching diagram with PNP sensor



The indicated travels and forces refer to the switch-in contact of the foot switch with latching function.

Example of a switching diagrams with static position monitoring in position 1

Single pedal enable foot switch F1

Article number	Designation	Switching contacts	Pressure point	Special feature
606.1500.559	F1-ZSD	1NC / 2NO	200 N	Pressure point D
606.1500.567	F1-ZSDR	1NC / 2NO	200 N	Pressure point D, Latching R
606.1500.569	F1-ZSP1D	1NC / 2NO	200 N	Additional board 1*, Pressure point D
606.1500.570	F1-ZSP3D	1NC / 2NO	200 N	Additional board 3**, Pressure point D

* Additional board PNP for determination of switching position 1
 ** Additional board PNP for determination of switching position 3

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