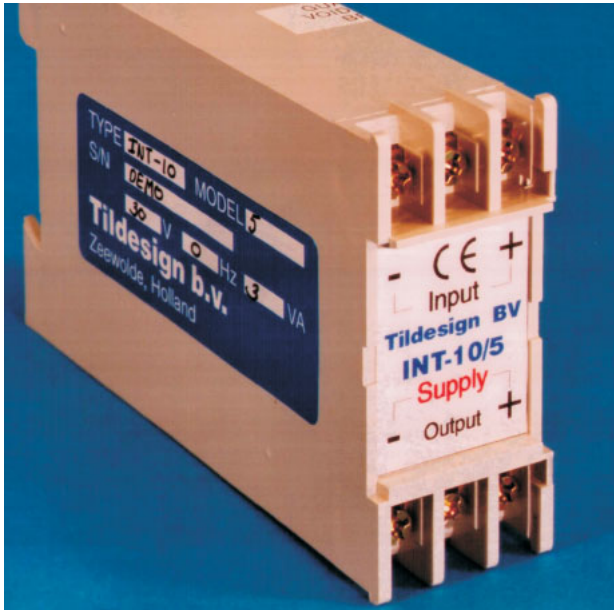


Danfoss valve control



The control signal, can be produced by a PLC, an industrial control computer or a sensor.

The INT-10 converts this control signal to a corresponding potentiometer range, so that the Danfoss proportional valve will be controlled correctly.

In the first characteristic, the output signal is plotted as a function of the input signal.

The second characteristic, reflects the response time, measured between 10% and 90% of the maximum values.

Specifications:

Input signals (galvanically isolated):

- ◆ 0..20 mA (INT-10/2)
- ◆ 0..10 Volt (INT-10/3)
- ◆ 4..20 mA (INT-10/4)
- ◆ -10..10 Volt (INT-10/5)

Output signal:

- potentiometer output, min. 25% and max. 75% of supply voltage
- output limiting : min. > 13% and max. < 87% of supply voltage

Response time : 2 ms max.

Linearity : better than 1% deviation

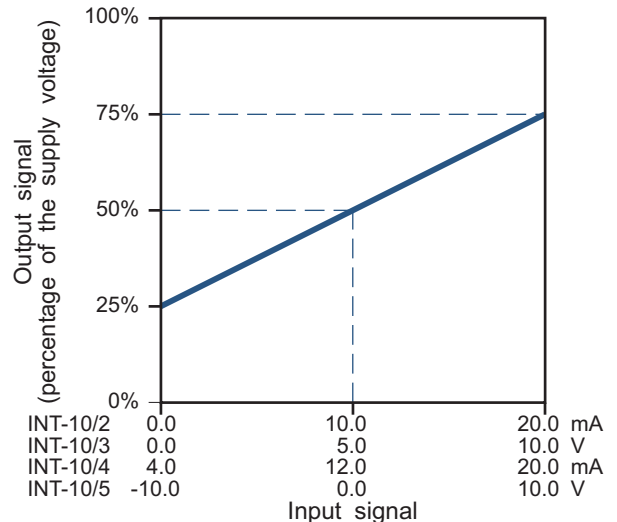
Supply voltage : 9..30 VDC (max 200 mA)

Mounting : on DIN rail

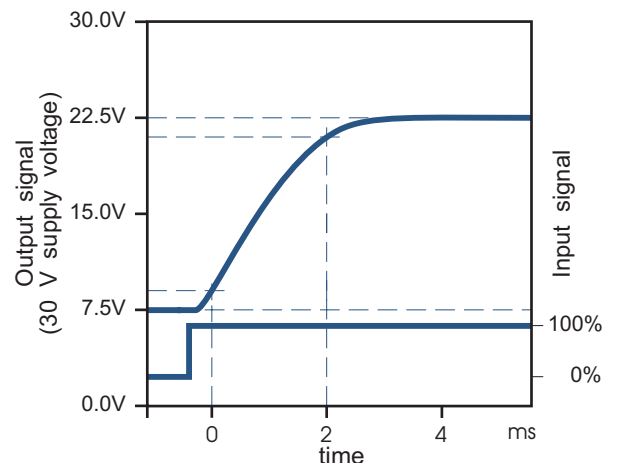
Cable connections: M3 screws

Dimensions : l x w x h : 77 x 32.5 x 114 mm

The INT-10 offers you the possibility to control a Danfoss hydraulic proportional valve through a 0..10 Volt, 0..20 mA, 4..20 mA or a -10..10 Volt signal.



Transfer characteristic



Response time

order codes	input signal
INT-10/2	0..20 mA
INT-10/3	0..10 Volt
INT-10/4	4..20 mA
INT-10/5	-10..10 Volt