

Signal converter

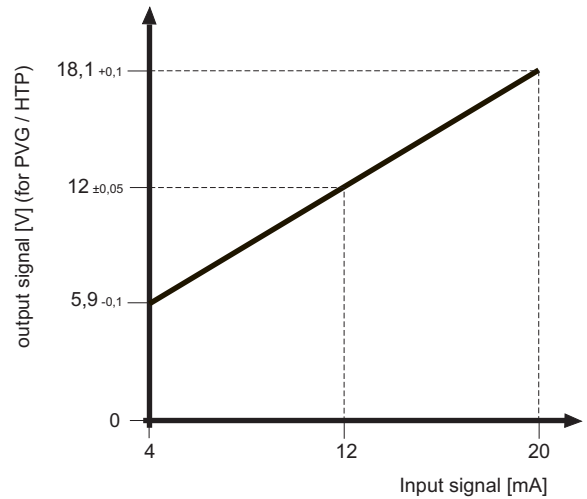
SW 2 / 420 - 618

on two channels

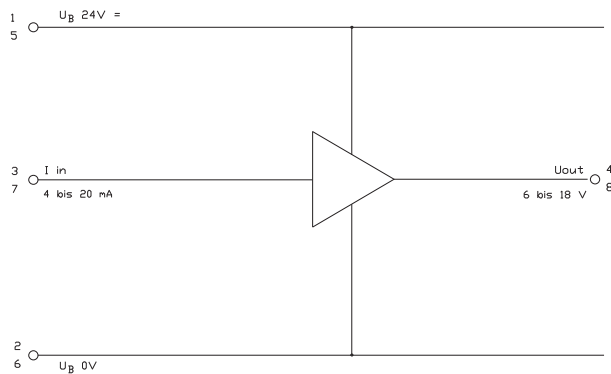
A signal converter SW2/420-618 transforms the input norm signal of 4 to 20 mA into the essential voltage signal from 6 to 18 volt for the PVG / HTP from DANFOSS. It affords at the output a voltage of 6 volt by an input signal of 4 mA (max. amplitude at the PVG / HTP directly to A), an output voltage of 12 volt by 12 mA at the input (neutral position at the PVG / HTP) and an output voltage of 18 volt by 20 mA input signal (max. amplitude at the PVG / HTP directly to B).
 The input norm signal could come from the analog output of the SPS (PLC) for example.
 Two seperated channels are mounted in the compact housing (triggering of two PVG's / HTP's).
 The economically priced and dependably signal converter facilitates the oeration from PVG and HTP by industrial applications.

Technical data

- feed-in: 24 V DC controlled (must identical with the PVG/HTP - supply unit)
- input signal: 4 ... 20 mA
- output signal: 5,9_{-0,1} ... 18,1^{+0,1} V
- I_{max} / port: 0,5 mA
- Protection class: IP 20
- conductor cross-section: min.: 1qmm / max.: 2,5qmm
- distance from PVG/HTP: max.: 3m (recommendation)
- Arrangement of the wiring: Preferably screened (one-way to earth)



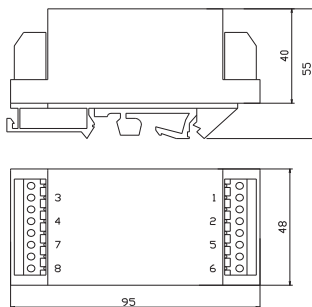
Schematic diagramm



terminal connections

	port 1	Port 2
U _B 24V	1	5
U _B 0V	2	6
U _{IN} 4..20mA	3	7
U _{OUT} 6..18V	4	8

Dimension



Housing at cap rail TS35 to snap open

Delivery: on stock
 subject to change