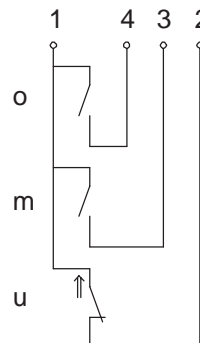


Wiring diagram

(matching to the drawing)



Electrical Data (maximum data) :

- contact
 - max. voltage : 250 V
 - max. switching current : 0.5 A
 - max. switching capacity : 10 VA
- switchingfunction : o = N.O. contact, rising level
m = N.O. contact, falling level
u = N.O. contact, falling level
- direction category : AC-21A and DC-21A
acc. to DIN VDE 0660 T107
(IEC 947-3-1 / EN 60947-3-1)
- standard : acc. to DIN VDE 0660 T200
(IEC 947-5-1 / EN 60947-5-1)

Pay attention to the contact protection, when switching inductive loads. Maximum data must not be exceeded !

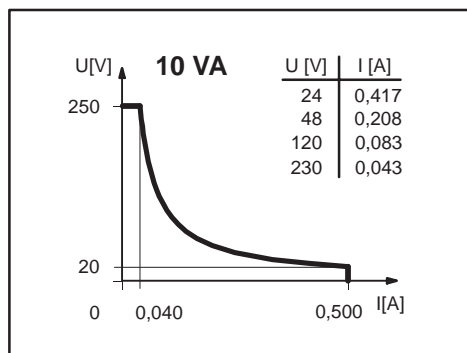
Technical Data :

- mode of connection : M12x1 male socket 4.pol. DC
- protection type : IP 65 acc. to DIN VDE 0470 T1
(IEC 529 / EN 60529)
only with female socket
- temperature range : form -5°C to +60°C
- fluid temperature : form -5°C to +60°C
- max. pressure : 1 bar
- mech. lifetime : 10⁷ to 10⁹ switches depending on the load

Reproducibility is ±0.05mm under same geometrical conditions according to one switch device.

Performance diagram

(maximum data)



ATTENTION :

The measures of the switching points are related to a fluid-tight of 1 g/cm³

The tolerance of the switching points are ±2 mm

Mechanical Data :

- hexagon nut material : PVC
- tankscrewing material : PVC
- switching tube material : PVC
- float material : NBR
- tightness : about 0.75 g/cm³ ±10%
- depth of immersion : 15 mm ±2 mm (to a fluid-tight of 1 g/cm³)
- guard ring material : PVC
- gasket material : NBR

created 30.10.2000 Häßler
checked 30.10.2000 Limbach