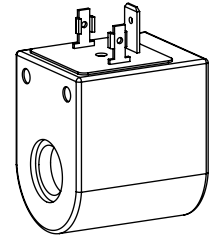# Solenoid coil K.E33 / 13 x 39
according to DIN VDE 0580
Protection class IP 65 / 67 / 69K

DESCRIPTION
The slip-on solenoid coil K.E33/13 x 39 is available in three different connection versions. The construction corresponds to the DIN VDE 0580-Norm. The housing and the connector socket is made of plastic material.

FUNCTION
With the combination of an armature tube the function of a switching solenoid results. The solenoid coils are available only as DC versions.

TYPE CODE

```
                                            K  □E33 / 13  x 39 -  □  #□
Plastic housing
Connection execution
Connector socket EN 175301-803 / ISO 4400        D
Connector Deutsch DT04-2P                         G
Coil execution
Internal coil diameter 13 mm
Coil length 39 mm
Nominal voltage Uₙ        12 VDC    G12
                          24 VDC    G24
Design-Index (Subject to change)
```
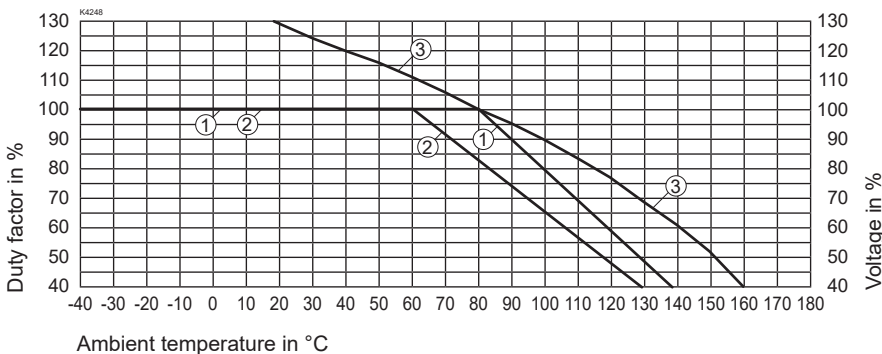
SPECIFICATIONS

Coil winding
insulation class   H (180 °C)
Relative duty factor   100% DF / ED
                        combined with armature tube and valve
Ambient temperature   See temperature curve
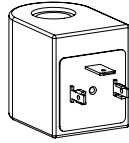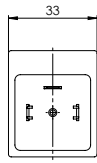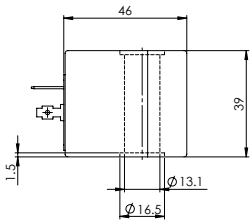Corrosion protection   Plastic coated
                        Black

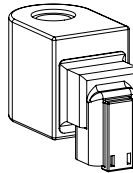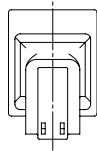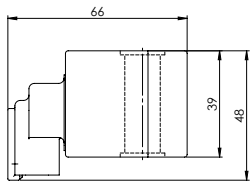|	12 VDC	24 VDC
Nominal power (W) (Switching function)	20	20
Nominal resistance (Ω)	7	28
Weight of solenoid coil (kg)	0,19	0,19

SAFE OPERATION
Caution: Because of the danger of over-heating the solenoid coil must only be commissioned together with an armature tube as well as with a valve.

DUTY FACTOR / TEMPERATURE   TEMPERATURE / VOLTAGE

① Duty factor at nominal voltage
② Duty factor at 110 % nominal voltage
③ Max. voltage in % for 100 % duty factor

Wandfluh AG   Tel.   +41 33 672 72 72   E-mail: sales@wandfluh.com   *Illustrations not obligatory*   *Data sheet no.*
Postfach   Fax   +41 33 672 72 12   Internet: www.wandfluh.com   *Data subject to change*   **1.1-160E** *1/2*
CH-3714 Frutigen   *Edition 20 51*

TYPE LISTE / DIMENSIONS / GENERAL SPECIFICATIONS

Execution: K D E33/13 x 39-...
- 3-poles 2 P+E
- Protection class IP 65
  With corresponding mating connector
  (not included in delivery)
  and professional assembly.

Execution: K G E33/13 x 39-…
- 2-poles 2P
- only for U_N ≤ 75 VDC
- Protection class IP 67 and 69 K
  With corresponding mating connector
  (not included in delivery)
  and professional assembly.

Technical explanation see data sheet 1.1-400 and 1.1-410