

xxxxxxx.80xx.xxxxx Solenoids

- Compact design
- Large ambient temperature range
- Available in an explosion-proof design following EU Directive 2014/34/EU



Technical features

Design acc. to:
DIN VDE 0580

Voltage range:
±10%

Duty cycle:
100% ED

Protection class:
EN 60529 IP00

Temperatures:
Depending on the complete valve

Equipment:
Solenoid 8000
Pin terminal EN 175301-803A *1)
Solenoid 8001
Socket EN 175301-803A
Cable gland diameter range
ø 5 ... 10 mm

Material:
Body: Duroplast

Technical data – standard models

Voltage	Power consumption		Supply voltage	Frequency	Model
	Inrush	Holding			
d.c.	12 W	12 W	24 V	-	8000.02400 *1)
a.c.	20 VA	16 VA	230 V	50 Hz	8000.23050 *1)
a.c.	20 VA	16 VA	110 V	50 Hz	8000.11050 *1)
d.c.	12 W	12 W	24 V	-	8001.02400
a.c.	20 VA	16 VA	230 V	50 Hz	8001.23050
a.c.	20 VA	16 VA	110 V	50 Hz	8001.11050

*1) Without socket

Optional solenoids – Additional solenoid systems for hazardous areas

ATEX-category	ATEX-Protection class	Solenoid	Standard voltages
II 3G	Ex ec IIC T4 Gc	8026	24 V d.c., 110 V a.c., 230 V a.c.
II 3D	Ex tc IIIC T130° Dc		
II 2G	Ex eb mb IIC T4 Gb	6206	24 V d.c., 110 V a.c., 230 V a.c.
II 2D	Ex mb tb IIIB T135° Db		

Attention!

The conditions imposed on the Ex approvals lead to reduction of the permissible standard temperature ranges in the cases of explosion protected solenoids.

Dimensions

Dimensions in mm
Projection/first angle

