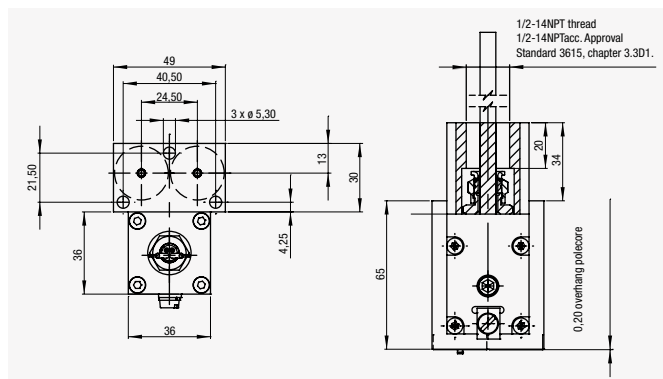




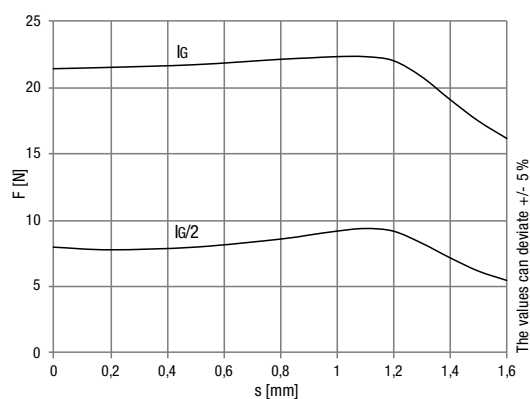
## Twin solenoid Ex 11



### Ex twin solenoid for hydraulic valves proportional – Size 2

- Twin electromagnet in explosion-proof design.
- Thanks to the protection class-compliant pressure-resistant enclosure, this product can be used worldwide – USA, RUS, IECEx, ATEX
- Approved for Division 1 plus Zone 1, 21 with gas and dust atmospheres.
- With its 49 x 30 mm valve interface and two independent coils, this twin model is ideal for very compact valve concepts.

### Force vs. stroke diagram



Technical data	24 V	12 V
limit current [A]	0.63	1.33
duty cycle [%]	100	100
max. ambient temperature [C°]	+55	+55
max. medium temperature [%]	+70	+70
ingress protection rating	IP67	IP67
thermal class (coil)	H	H
static working pressure [bar]	50	50
working stroke [mm]	1	1
manual override	yes	yes
surface treatment	iron parts zinc-plated EN 12329-Fe/Zn8/C or DIN 50979 Fe//ZnNi4-8//Cn//T0 RoHS-conformed	iron parts zinc-plated EN 12329-Fe/Zn8/C or DIN 50979 Fe//ZnNi4-8//Cn//T0 RoHS-conformed

Type	Certification	Ambient temperature	Labeling
EX11	NEC 500 (USA)	-40 °C up to +55 °C	⊕ XP, Class I, Division 1, Group C, D, T4 DIP, Class II, Division 1, Group E, F, G T4 DIP, Class III, Division 1 & 2
	NEC 505 (USA) NEC 506 (USA)	-40 °C up to +55 °C	⊕ Class I, Zone 1, AEx d IIB, T4 Gb Zone 21, AEx tb IIIC T135 °C Db
	CEC Section 18 Annex J	-40 °C up to +55 °C	⊕ XP, Class I, Division 1, Group C, D, T4 DIP, Class II, Division 1, Group E, F, G T4 DIP, Class III, Division 1 & 2
	CEC Section 18	-40 °C up to +55 °C	⊕ Class I, Zone 1, AEx d IIB, T4 Gb
	ATEX	-40 °C up to +55 °C	⊕ II 2G Ex d IIB T4 Gb ⊕ II 2D Ex tb IIIC T135 °C Db
	IECEx	-40 °C up to +55 °C	Ex d IIB T4 Gb Ex tb IIIC T135 °C Db