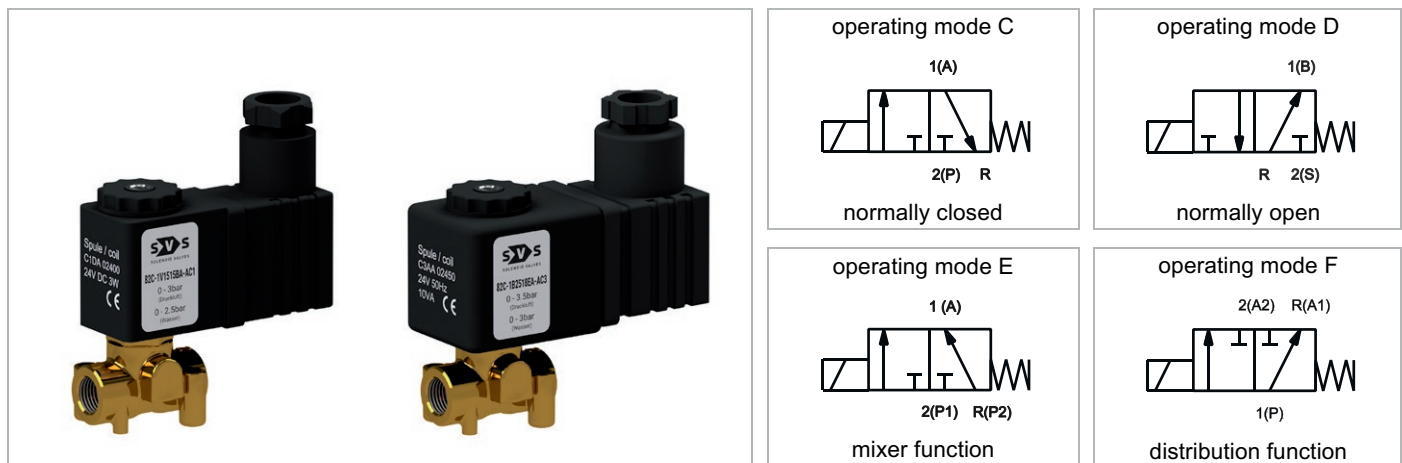


## 3/2 way solenoid valve normally closed or normally open

type 82, body brass

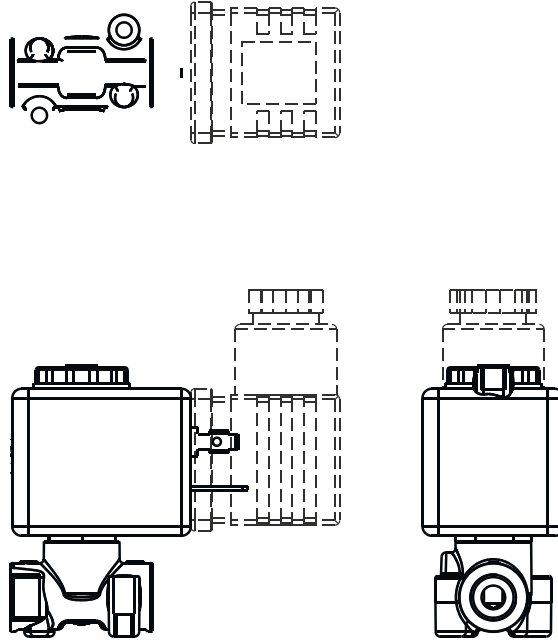
direct operated, DN 1,2 – 2,5mm, G 1/8



SPECIFICATION	
<b>general</b>	
type of construction	3/2-poppet valve, normally closed NC or normally open NO, coil 360° rotatable
operator	solenoid
ports	G 1/8, tube with M5 female thread
ambient temperature	-20°C to +50°C, higher allowed ambient temperatures on request
fluid temperature	dependent on sealing material and coil
viscosity	max. 21mm <sup>2</sup> /s (cst) bzw 3°E
material	body and tube: brass inner parts : stainless steel sealing: see type selection
mounting	2 threads M4 or fixing holes diameter 3,2mm
installation	in any position, preferable vertical fixed solenoid coil
unit of supply	without connector
<b>electrical data</b>	
voltage	DC voltage or AC voltage
standard voltage	24V DC, 24V AC, 230V AC
special voltage on request	6V-200V DC, 12V-240V, 50Hz or 60Hz
acceptable voltage tolerance	+/- 10%
power consumption	see specifications at solenoid coils
coil type	temperature class F (155°C), winding class H (180°C)
duty cycle	100% ED (DB), continuous operation
protection class	IP65 according DIN EN 60529 (DIN 40050) with correctly mounted connector
<b>pneumatic – hydraulic</b>	
flow medium	all liquids and gases, which don't attack the used material
max. body housing pressure	PN 40 (bar)
response time	12 – 20ms
special equipment on request	stainless steel 1.4305 (AISI303) in place of brass, coil type with cable, bright nickel-plated or chemical, nickel-plated, explosionproof coil, coils for temperature class H (180°C), other sealing materials, manual override







**dimension table for type 82 in mm, weight approx. in g**

with coil	P	N	n	M	h	H	G	O	I	L	R	D	d	weight (g)
C1DA	18	25	18	49	49	58	G 1/8	M4	6	30	M5	24.5	22	110
C2DA				110										
C3AA				55										165