

LC

Characteristics Low pressure cartridge for diverter valves



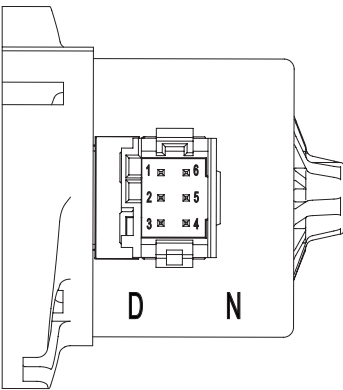
Standard Data

Flow resistance @ 1500l/h	25/85 mbar (influenced by customers valve body)
Housing material	PA6.6 GF30
Operating pressure	0.5...4.5 bar
Mounting position	any
Climatic class	wide-spread according to DIN IEC 60721-2-1
Ambient operation temperature	0...70 °C
Ambient temperature storage	-20...70 °C
Electrical connection	Tyco AMP MODU IV
Degree of protection	IP40

Technical Data

Pipe connection	clip
Switch-over time	2s (depends on users sequence)
Motor	bipolar stepper motor
Coil resistance	34 Ohm
Supply voltage	24V
Chopper current level	200mA/coil
Duty cycle	30% within 5 minutes

Circuit diagram

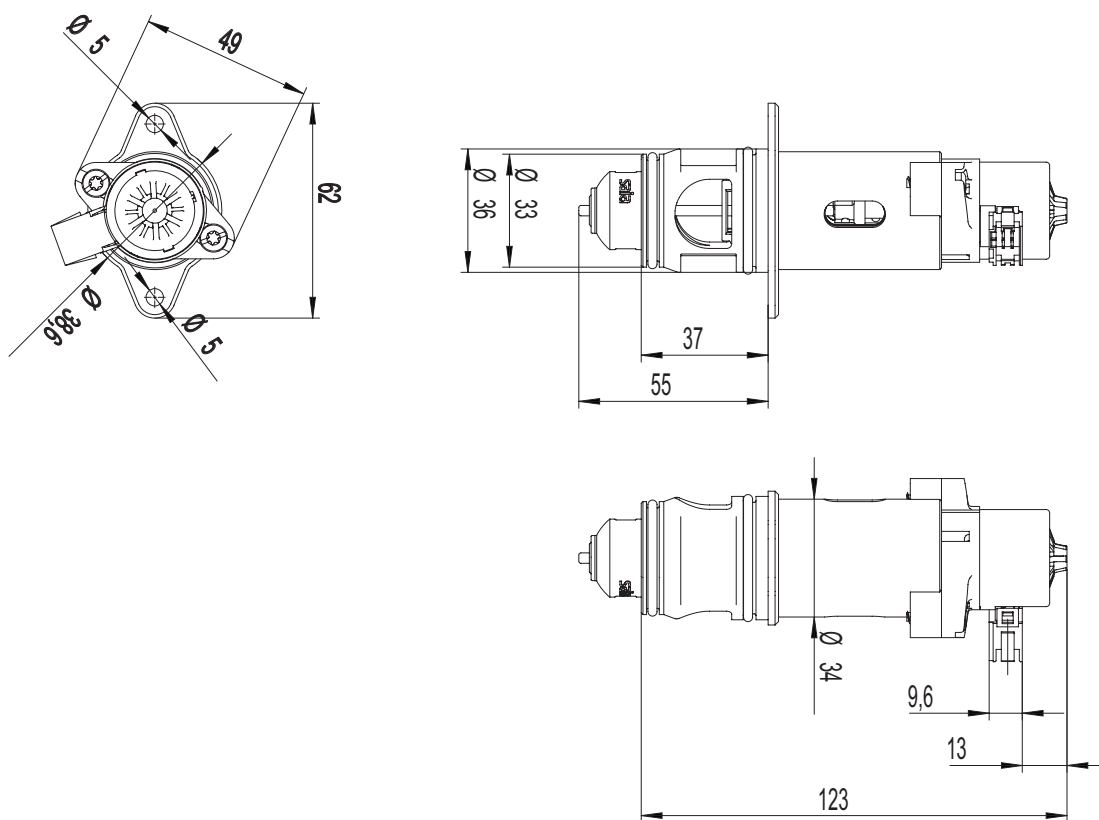


connector	step				
	I	II	III	IV	I
1	+	+	-	-	+
3	-	-	+	+	-
4	-	+	+	-	-
6	+	-	-	+	+

→ pull in (step I to IV, I to IV, etc.)
← push out (step IV to I, IV to I etc.)

- Mating plug: AMP connector
- housing 0-1740209-6
 - contact 2-167301-1

Dimensions



Performance Chart

Flow curve

