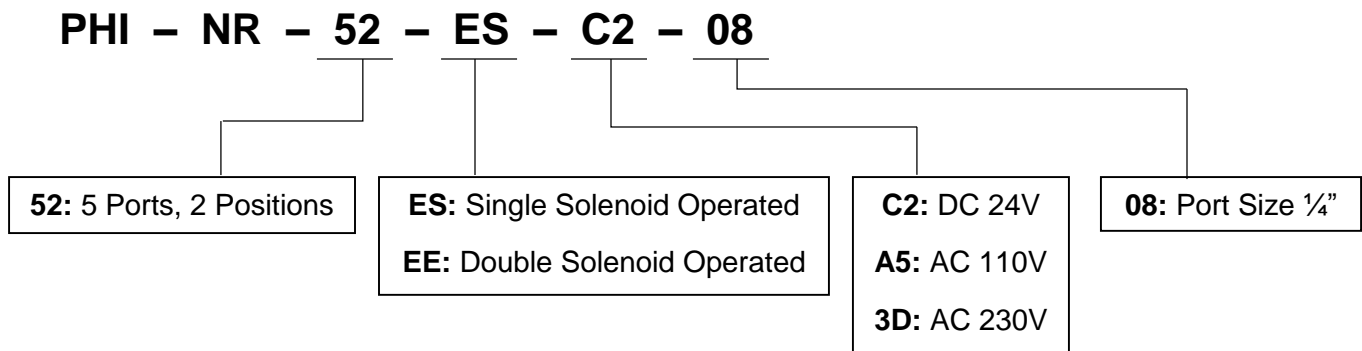


❖ Product Features

- Stable life cycle, guaranteed 12,000,000 times.
- Various voltage and working styles are available.
- Different surface treatment, thread types (BSPP, BSPT, NPT) are available.

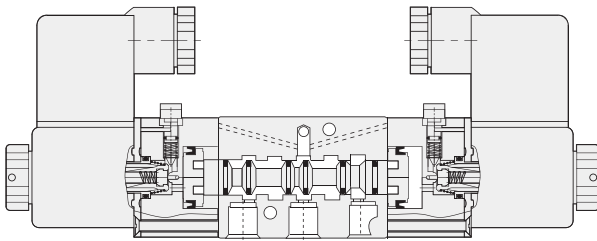
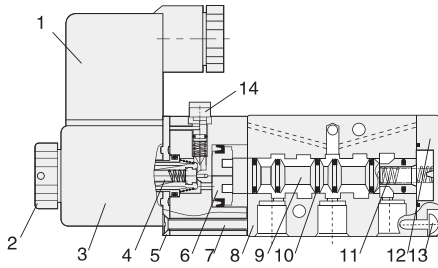
❖ How to order



❖ Specifications

Model No.	PHI-NR-52-ES-X-08	PHI-NR-52-EE-X-08
Working Medium	Clean Air(After 25µm filtration)	
Acting Type	Pilot Type	
Sectional Area (mm ²)	14(Cv=0.78)	
Port Size	1/4"	
Lubrication	Not required	
Working Pressure (Bar)	1.5 – 8	
Max. Pressure (Bar)	12	
Working Temperature (°C)	-5 to 60	
Voltage Range	-15% to 10%	
Power Consumption	AC: 5.5VA DC: 4.8W	
Insulation	Class F	
Protective Class	IP65	
Max. Acting Frequency	4 Cycles/s	
Activate Time (s)	<0.05	
Weight (g)	208	316

❖ Internal Structure

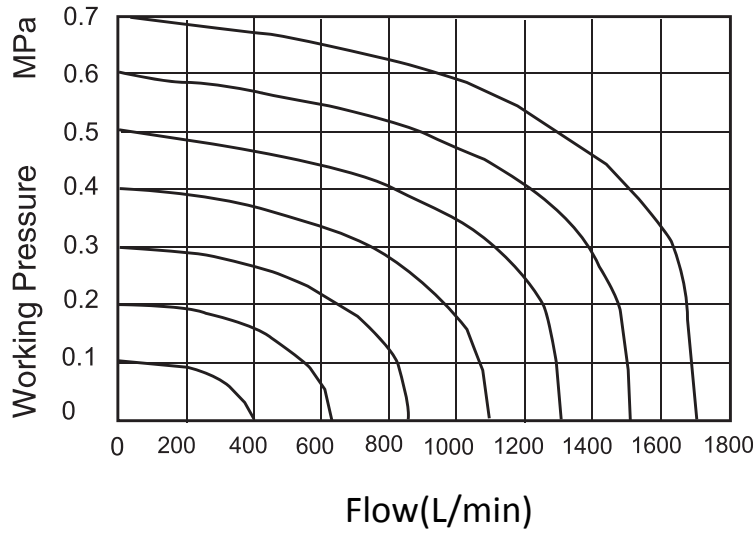


S.NO	PARTS
1	Connector
2	Nut
3	Coil
4	Pilot Units
5	Plate
6	Piston
7	Screw
8	Valve Body
9	Spool
10	O-ring
11	Spring
12	Rear Cover
13	Screw
14	Manual

❖ Main Parts Material

PART NAME	MATERIAL
Valve Body	Al alloy
Spool	Al alloy
Manual override O-ring	NBR
Connector Washer	NBR
Spool O-ring	HNBR
Seal	NBR
Piston	POM
Manual override	Plastic
Plate	Steel
Nut	POM + Carbon steel
Rear Cover	Zn alloy
Manual override Spring	SS
Spool Spring	SS
Screw	Steel
Pilot Units	Pure Steel + Cu + SS
Connectors	Engineering Plastic

❖ Flow Features



❖ Main Dimensions(mm)

