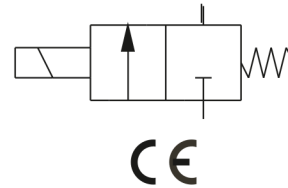


INDIVIDUAL VALVES

FV 04 2/2 directional valve



- directly controlled directional seat valve with solenoid operation
- normally closed
- four hole flange
- seal materials adapted to various media
- principle of wet core, dry coil
- solenoid coils for a.c. and d.c. voltage
- solid construction
- especially for battery mounting and for control block assembly



Technical data:

Valve for seal materials see "Technical Explanations"

Media	Temperature °C	Seal materials	
		RAPA	ASTM
Air, water, mineral oils, neutral gases	-15 bis + 60	P	NBR
Mineral oils, waterfree air	-10 bis + 70	K	-
Heavy oil, hot water, high pressures	-20 bis +140	R	synth.Ruby
Petrol, benzene, various chemicals	-20 bis +100	V	FKM

Ambient temperature: -20°C bis + 40°C
Media viscosity: max. 150 mm²/s
Burst pressure : ≥ 250 bar

Materials

Valve body: Cu Zn 39 Pb F44
Guide tube: 1.4103
Core/armature: 1.4105
Valve seat: 1.4305

Functional values (up to media viscosity 30 mm²S⁻¹)

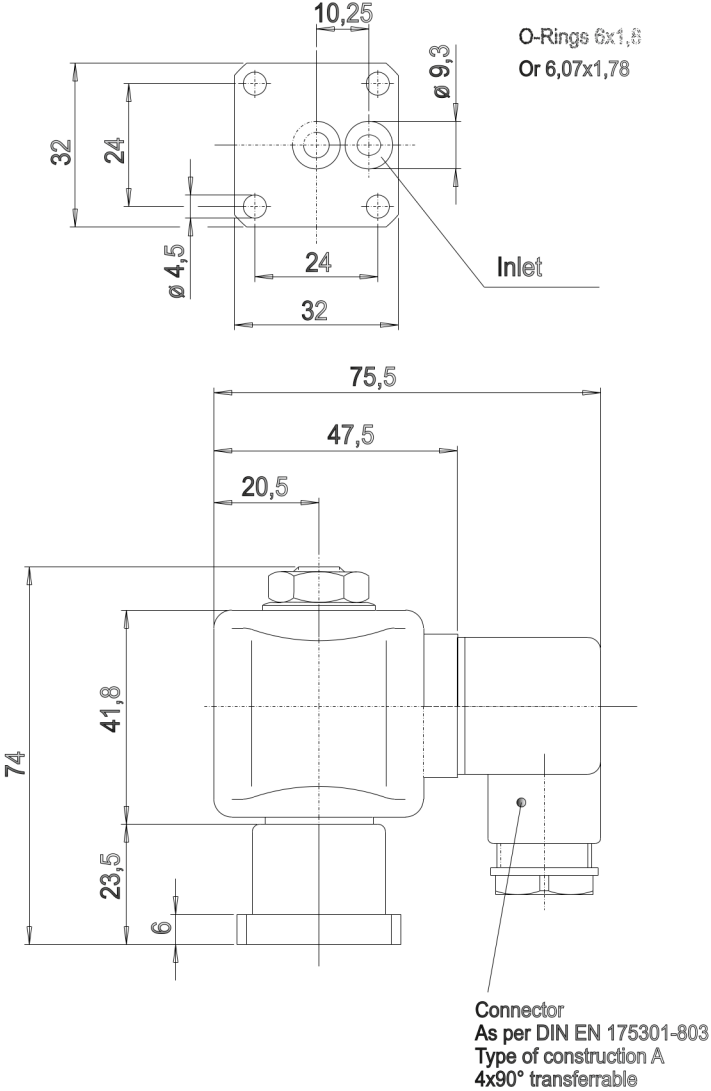
Connection Thread	Nominal width mm	Kv value l/min	Seal material	Service pressure in bar		
				~	=	14W ~
Flange	1,5	1,3	K	0-90	0-150	0-130
	1,5	1,3	R	0-90	0-150	0-130
	2	2,1	K	0-40	0- 60	0- 60
	2	2,1	R	0-40	0- 60	0- 60
	2,5	3	K	0-30	0- 30	0- 40
	2,5	3	R	0-30	0- 30	0- 40
	3	3,7	K	0-20	0- 20	0- 32
	3	3,7	R	0-20	0- 20	0- 32
	3,8	4,5	P	0-15	0- 15	-
	3,8	4,5	V	0-12	0- 12	-

INDIVIDUAL VALVES

FV 04 2/2 directional valve



Dimensional drawing



Total weight: appr. 380 g

Standard voltages:: 12V, 24V =
 24V, 42V, 230V 50Hz