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THE VALVE CORRESPONDS TO THE REGULATIONS FOR ELECTROMAGNETIC DEVICES ACCORDING TO VDE 0580

1.1 WORKING MEDIUM : AIR (CONTAINING WATER, OIL AND ALCOHOL)

1.2 AMBIENT ENVIRONMENT: AIR (CONTAINING WATER, SALT, DUST AND OIL)

2.1 THERMAL RANGE OF APPLICATION UNDER NORMAL AMBIANT CONDITIONS : -40°...+80°C

2.2 SHORT TERM RESISTANCE TO HEAT : +110°C WITHOUT FUNCTION
: (p₁ = 0 bar, max. 1h)

3.1 WORKING PRESSURE (SUPPLY) : p₁ = 5...10 bar

3.2 MAX. PERMISSIBLE WORKING PRESSURE (WITHOUT FUNCTION) (SUPPLY) : p₁ = 13 bar

3.3 OUTPUT PRESSURE : p₂ = 10 bar / ED = 100%

4 MIN. FLOW PASSAGE / NOMINAL DIAMETER : PORT 1 - 2 : 78.5 mm² /NW 10
PORT 2 - 3 : 78.5 mm² / NW 10

5 VOLTAGE : 24 +8/-6.5 V

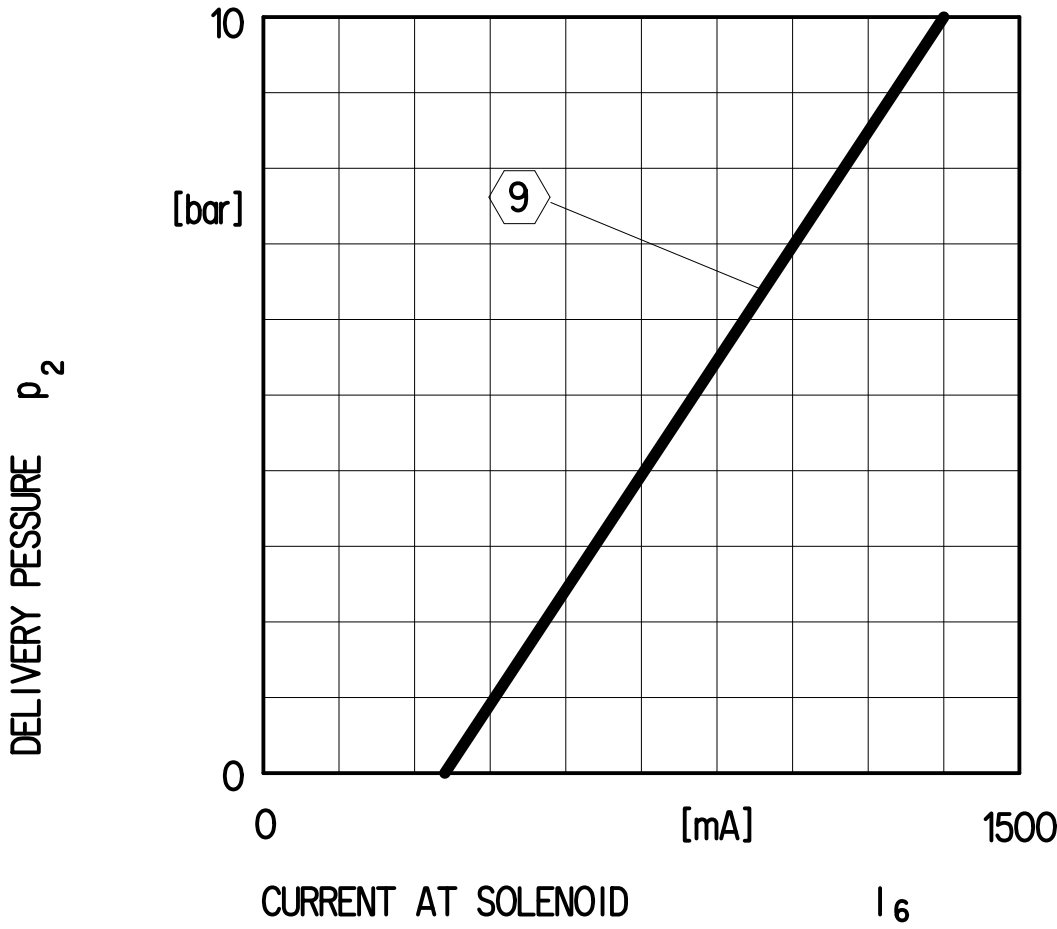
5.1 MAX. CONTINUOUS VOLTAGE BETWEEN PORTS 6.4 AND 6.5 : 8 V

6 MAX. CURRENT (SOLENOID) : I_{max} = 1.4 A DIRECT CURRENT

7 DEGREE OF PROTECTION : COMPLETE DEVICE WITH MOUNTED COUPLING : IP 6K 6K, IP 6K 9K
ELECTRICTERMINALS WITH MOUNTED COUPLING : IP 6K 7

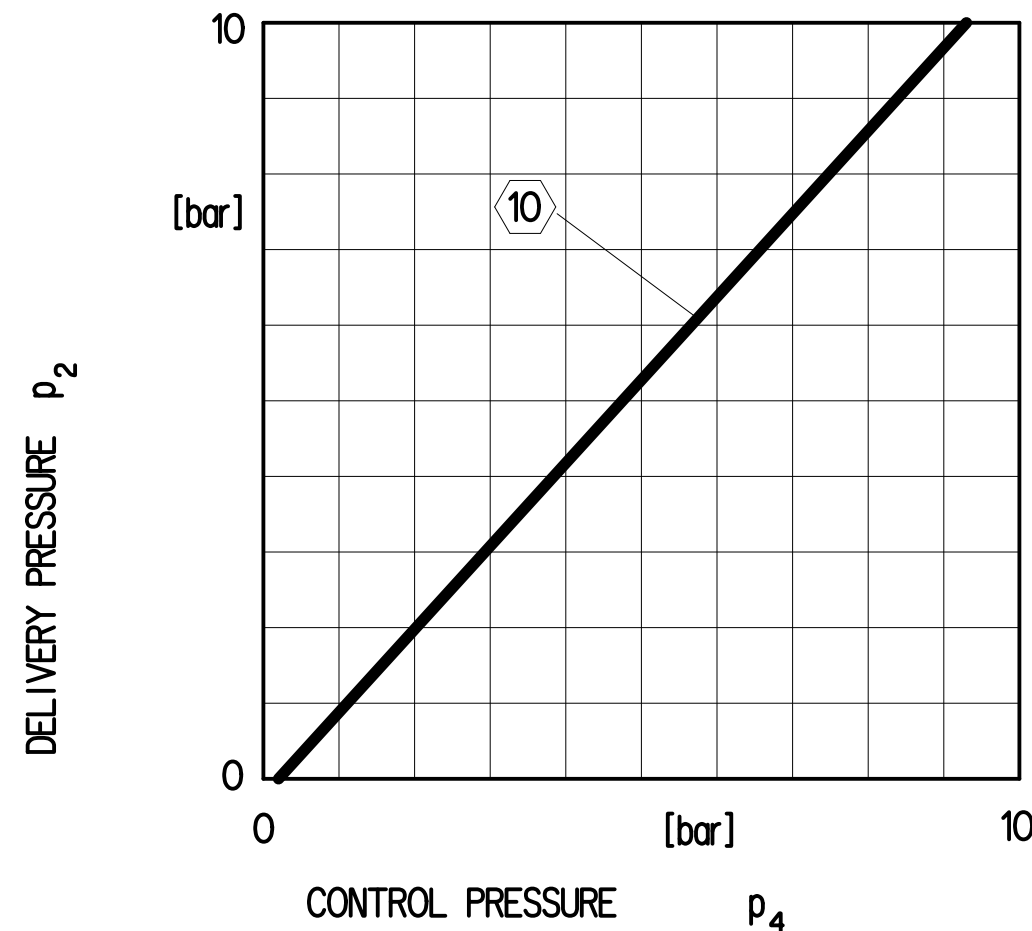
8 PROTECTION CLASS : III

FURTHER TECHNICAL DATA SEE PRODUCT SPECIFICATION.

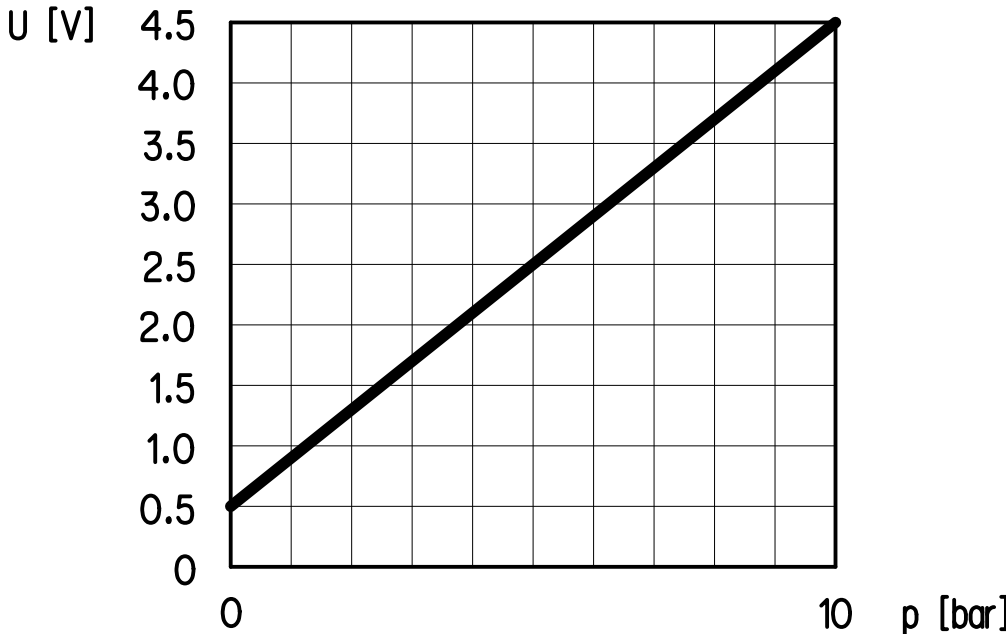


9 CHARACTERISTIC CURVE : FAILURE OF BACK UP PORT 4

10 CHARACTERISTIC CURVE : FAILURE OF ELECTRICAL CONTROL 6



CHARACTERISTIC CURVE PRESSURE SENSOR



General Specification: ISO 8015, JED-334-1, Size ISO 14405 LP				Copyright ZF®			
Further Technical Data: Product Specification				Date _____ Signature _____			
Doc. Code: 035		Sheet: _____ To: _____		2024-05-22		Drawn: Mirek	
General Tolerances JED-261				2024-05-22		PROPORTIONAL RELAY VALVE	
Range of nominal dimensions in mm				Checked: Smardz			
Class 1)	≤ 50	> 50	> 180	Dimensions in mm			
	≤ 180	≤ 400	> 400				
	±0.5	±1	±1.5	±2	±3°		
	±1	±2	±3	±4			
Medium	±2	±3.5	±5	±6.5	2.2 kg 1:1 480 202 004 0		
Tapped Holes acc. 0				Mass _____ Scale _____		Material No. _____	
1) Tolerance Class Applied Crossmarked				Size _____ CAD System _____		Date of first issue: _____	
A 1 CREO				EDM-No. 504826		Revision 9 E	
				Tech. Resp. 6810		480 202 003 0	