ISO 10094-1:2021-11 (E)

Pneumatic fluid power - Electro-pneumatic pressure control valves - Part 1: Main characteristics to include in the supplier's literature

Contents

Page

Foreword iv

Introduction v

1 Scope 1

2 Normative references 1

3 Terms and definitions 1

4 Symbols 2

5 Characteristics 3
5.1 General 3
5.2 Electric characteristics 3
5.3 Static characteristics 3
5.3.1 Control signal/pressure characteristics at null forward flow rate or relief flow rate 3
5.3.2 Flow/pressure characteristics 6
5.3.3 Pressure regulation characteristics 7
5.3.4 Maximum leakage flow rate at null forward flow rate or relief flow rate 8
5.4 Dynamic characteristics 8
5.4.1 General 8
5.4.2 Charge characteristics 8
5.4.3 Discharge characteristics 10
5.4.4 Frequency responses (optional) 11

6 Identification statement (reference to this document) 13

Bibliography 14