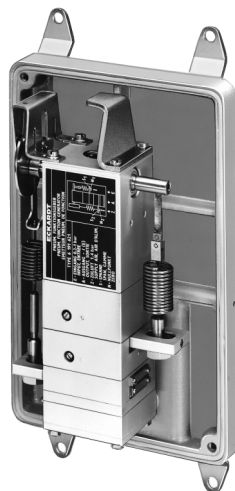


PC191 Pneumatic Computing Relay

Computing Relays

- Booster Relay
- Selector Relay
- Reversing Relay
- Adding Relay
- Averaging Relay
- Subtraction Relay
- Fixed Ratio Relay
- Square root extractor
- Function generator



Time function Relays

- Delay Relay
- PI Relay
- PD Relay
- Delay element
- Trend Relay

For complete specification, refer to Product Specification Sheet PSS EIO4332 A-(en)

Model Codes

| Pneumatic Computing Relay | PC191 |
|--|-------|
| Function and Formula | |
| Booster Relay $A = E$ | -100 |
| Min.-selector relay 2 inputs | -101 |
| Max.-selector relay 2 inputs | -102 |
| Reversing relay $A = K - E$ | -110 |
| Booster Relay $A = E$ with calibration adjustment | -113 |
| Adding relay $A = E1 + E2 - K$ | -121 |
| Averaging relay $A = (E1 + E2) / 2$ | -130 |
| Subtraction relay $A = E1 - E2 + K$ | -140 |
| Fixed ratio relay $A = 0.5E - K$ | -221 |
| Fixed ratio relay $A = 0.5E + K$ | -231 |
| Fixed ratio relay $A = 2E - K$ | -261 |
| Fixed ratio relay $A = 3E - K$ | -281 |
| Square root extractor $A = E(xp=1/2)$ 0.2-1.0 bar | -611 |
| Square root extractor $A = E(xp=1/2)$ 3-15 psi | -612 |
| Function generator $A = F(E)$ 0.2-1.0 bar | -621 |
| Function generator $A = F(E)$ 3-15 psi | -622 |
| Delay relay symmetrical | -900 |
| Delay relay signal increase | -901 |
| Delay relay signal decrease | -902 |
| PI-relay | -905 |
| PD-relay | -910 |
| Delay element (without booster) | -913 |
| Trend relay $V = 2.5$ | -920 |
| Options | |
| working on cams with given function (only for -621 / -622) | -A |

Tube fittings see EOO9001

