

# 22 mm directly operated solenoid valves

## 3/2, normally closed



| Standard executions                           |        |        |            |
|-----------------------------------------------|--------|--------|------------|
| Version                                       | Symbol | Code   | Item       |
| 3/2 N.C. with manual override solenoid/spring |        | 034188 | A1EM13012M |
| 3/2 N.C. with manual override bistable        |        | 034189 | A1EM13012B |



Series of directly operated poppet valves for panel mounting. Base set up for single or modular installation.

Coils and connectors have to be ordered separately.  
 For the coils type ASA12... see page 2.200.1  
 For the connectors type A122... see page 2.210.20

### Code key

| Options               |              | Suffix |
|-----------------------|--------------|--------|
| Low temperature seals | -25 ÷ +60°C  | BT     |
| Seals FKM             | -10 ÷ +150°C | V      |

| Series | Actuation               | Size     | Function    | Orifice   | Manual override                   |
|--------|-------------------------|----------|-------------|-----------|-----------------------------------|
| A1     | EM = electrical modular | 1 = 1/8" | 30 = 3/2 NC | 12 = Ø1.2 | M = spring return<br>B = bistable |

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| Technical data    |                                                                 |                     |                    |
|-------------------|-----------------------------------------------------------------|---------------------|--------------------|
| Fluid             | Compressed filtered air, min. 5µm, with or without lubrication. |                     |                    |
| Pressure range    | 0 ÷ 10 bar                                                      |                     |                    |
| Temperature range | -10°C ÷ +60°C (standard)                                        | -25°C ÷ +60°C (BT)  | -10°C ÷ +150°C (V) |
| Orifice           | 1,2 mm                                                          |                     |                    |
| Flow              | 29 NI/min at 6 bar at ΔP 1 bar                                  |                     |                    |
| Weight            | 100 g                                                           |                     |                    |
| Mounting          | In any position                                                 |                     |                    |
| Manual override   | Spring return (M) - Bistable (B)                                |                     |                    |
| Materials         | Base:                                                           | Zinc alloy die cast |                    |
|                   | Tube:                                                           | Brass               |                    |
|                   | Cores:                                                          | Steel AISI specific |                    |
|                   | Springs:                                                        | Steel               |                    |
|                   | Manual override:                                                | Nickel-plated brass |                    |
|                   | Locking nut:                                                    | Plastic             |                    |
|                   | Screws:                                                         | Zinc plated steel   |                    |

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