

# ISO Valves with M12 Thread Connections Pneumatics from Rexroth

The Drive & Control Company



# Standardized pneumatic solenoid valves with modern M12 thread connections



Following the general trend, Bosch Rexroth has developed three different solutions to connect solenoid valves via M12x1 connections that are commonly used in electrical engineering. The customer has the option, both with monostable and bistable solenoid valves, of selecting between single or double pilot control valves, contact bridges, or an M12 connection directly on the solenoid coil.

With M12 contact bridge



Double pilot control valve



M12 connection directly on the solenoid coil



- ▶ Electric M12x1 thread connection
- ▶ ISO valve sizes 01 to 3 for the automotive industry
- ▶ Just one electric connection for two pilot valves
- ▶ PIN allocation of the M12x1 connection is standardized
- ▶ One uniform connection for all valve sizes
- ▶ Large selection of standardized cable lengths
- ▶ Amount of cables needed for two pilot valves is halved
- ▶ M12 connection also available on other devices, e.g. pressure switches
- ▶ M12 contact bridge in two versions, available for monostable or bistable valves
- ▶ Easier connection in comparison to electrical connectors (shape A)

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