AUTOMATION TRADER

546280

Industrial automation components

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Manufacturer	Festo
Catalog number	546280
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Brand	Festo
Part Number	546280
Product Type	Valve Terminal
Terminal Type	32
Operating Medium	Compressed air as per ISO 8573-1:2010 [7:4:4]
Operating Temperature Range	-5°C to 50°C
Storage Temperature Range	-20°C to 40°C
Stopień ochrony	IP67
Operating Pressure Range	-0.09 MPa to 1 MPa
Explosion Protection Certification	Zone 1 (UKEX), Zone 2 (ATEX), Zone 21 (UKEX), ATEX category gas II 3G
RoHS Compliant	Yes

Description

The Festo Valve Terminal MPA-CPI-VI (Part Number: 546280) is a modular and highly expandable valve manifold designed for universal applications in industrial automation. It features a sturdy metal housing and metal linking, allowing for the combination of two valve sizes. The terminal supports up to 128 pneumatic valves, providing excellent communication through serial linking and fieldbus connection via CPX. Key specifications include electrical control via fieldbus, a terminal type of 32, and compatibility with compressed air as per ISO 8573-1:2010 [7:4:4]. Operating temperature ranges from -5°C to 50°C, with a storage temperature between -20°C and 40°C. The device offers a

degree of protection rated at IP67 and operates within a pressure range of -0.09 MPa to 1 MPa. It is suitable for use in explosive atmospheres, certified for Zone 1 (UKEX), Zone 2 (ATEX), and Zone 21 (UKEX), with an ATEX category gas of II 3G. The valve terminal is RoHS-compliant and conforms to various international standards, including EU EMC Directive, EU Explosion Protection Directive (ATEX), and EU RoHS Directive.