

Titan 1230 Release Device

Manual/Pneumatic Release Device

Part Number	NCR-MA65
Valve Connection	M42 x 1.5
Working Pressure	300 bar / 4350 psi
Pneumatic Connection	G 1/8"
Material	Brass and stainless steel
Actuation Force	<150 N / < 33.72 lbf
Actuation Pressure	Min. 21 bar for 300 bar nitrogen feed: p max = 360 bar Min. 15 bar for 200 bar nitrogen feed: p max = 240 bar
Conformity	89/106/EEC VdS LPCB UL



Description

The Manual/Pneumatic release device allows manual or pneumatic actuation of several system components. This release device is used for pneumatic actuation of multiple cylinders in series, which are connected to the master cylinder by a pilot hose. Manual actuation is accomplished by pulling the hand lever on the Manual/Pneumatic release device. In the closed position the Manual/Pneumatic release device is secured with a safety pin. By removing the safety pin, the hand lever can be manually pressed down to activate the valve so that the nitrogen is released.

Pneumatic Release Device

Part Number	NCR-PA66
Valve Connection	M42 x 1.5
Working Pressure	300 bar / 4350 psi
Pneumatic Connection	G 1/8"
Material	Brass and stainless steel
Actuation Force	<150 N / < 33.72 lbf
Actuation Pressure	Min. 21 bar for 300 bar nitrogen feed: p max = 360 bar Min. 15 bar for 200 bar nitrogen feed: p max = 240 bar
Conformity	89/106/EEC VdS LPCB UL



Description

This release device is used for pneumatic actuation of multiple cylinders in series, which are connected to the master cylinder by a pilot hose. Cylinders equipped with the pneumatic release device serve as slave cylinders.

Electromagnetic Release Devices

The Electromagnetic Release Device is used to actuate the system electrically from the Nitrogen Cylinder. It is mounted on top of the master Nitrogen Valve and is operated by an electrical signal from a fire detection system. In order to actuate the Electromagnetic Release Device a constant DC voltage of 24v is required.

The Electromagnetic Release Device can be combined with the Manual/Pneumatic Release Device or the Pneumatic release device.

Part Number	NCR-EA46
Valve Connection	M42 x 1.5
Nominal Voltage	24 VDC
Electrical Connection	-
Nominal Current	0.5 A
Protection Class	IP65
Material	Brass and stainless steel Plastic protection cap
Conformity	89/106/EEC UL



Reset Tool for Electromagnetic Release Devices

Part Number	NCR-RESET
Connection	M42 x 1.5
Material	Brass



The reset tool is used to reset the Electromagnetic Release Device pin after system discharge. The reset tool is screwed into the bottom of the Electromagnetic Release Device

Adapter

Part Number	NCR-ADAPT
Connection	G1/8" / M12 x 1.5
Material	Brass



The adapter is used for the connection of pilot hoses to the Manual/Pneumatic Release Device or to the Pneumatic Release Device.

FOR USE BY ARCHITECTS AND ENGINEERS