

Pneumatic Module

Technical File
NF033 E

MOD20P



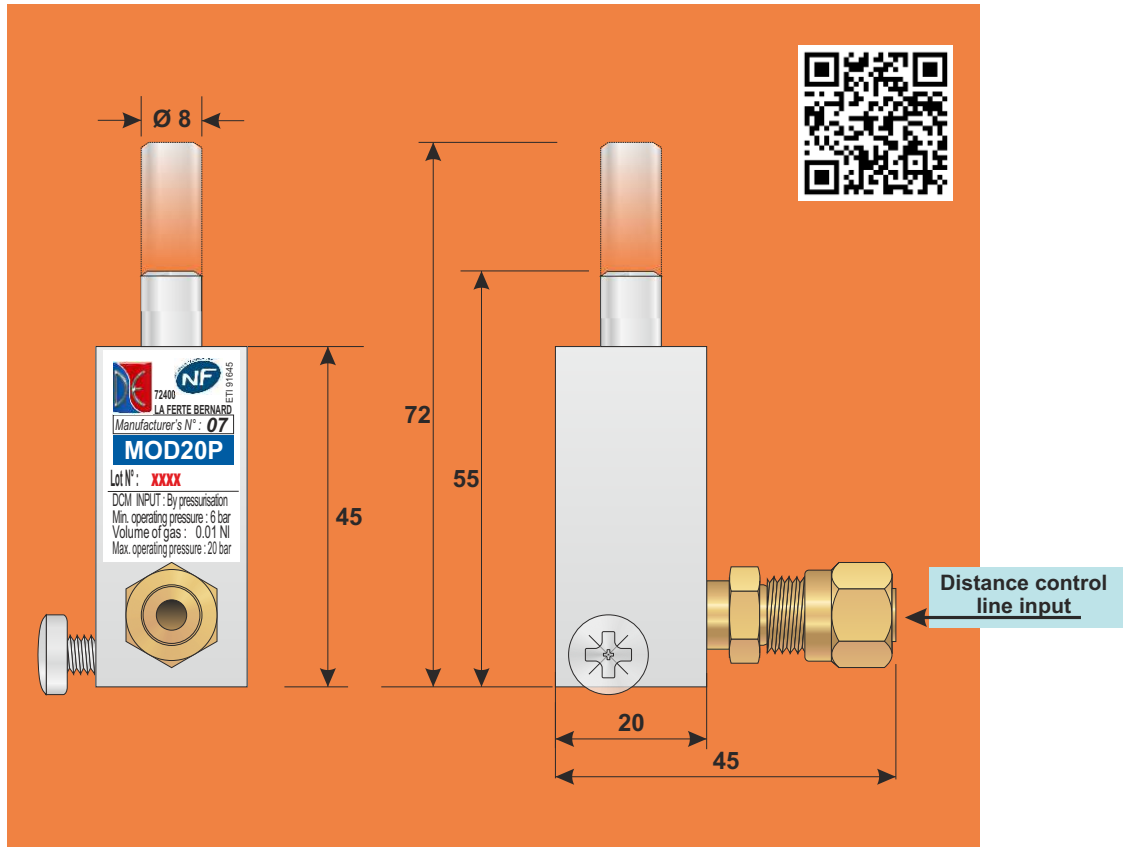
NF - Control devices
for Fire Safety Systems
www.marque-nf.com



Description - General information

Compatible with the SCP with steel cable winding mechanism.

Pneumatic distance control module for Smoke and heat exhaust control winch. (série TR20)
Screws easily into place inside the winch.



Product identification



Information on label (from top to bottom):
- Manufacturer's name
- Manufacturer's N°
- Certification body
- Lot N°
- Characteristics of DCM input

Pneumatic DCM module

Ref.	Type
MOD20P (MOD.25)	Pressure: 6 to 20 bar

NF - Control devices for F.S.S.

This mark certifies:
- conformity to the norm NF S 61-938 for S.C.P.s
- the values of the characteristics given in this technical file.
Certification Body
AFNOR Certification - 11 Rue F. de Pressensé
93571 LA PLAINE SAINT DENIS CEDEX

DUPUY EQUIPEMENTS

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www.dupuy-equipements.com

MOD20P

REMINDER :

Pipes and connections: § 7.2 of the NFS61-932

Pipes should be made entirely of copper or stainless steel.

Pipes and connections should be able to withstand a pressure during testing of 3 times the pressure during use, a minimum of 90 bars.

Connections should be airtight, metal against metal.

Pneumatic piping should be inaccessible at the level of 0 access and should be protected (inside ducts, plastic tubing etc.) against accidental mechanical shocks, depending on the use of the premises.

If pneumatic piping is built into the walls it should be in plastic tubes or conduits.

It should be possible to dismantle this piping if it is not possible to access the connections.

Pneumatic piping should run through the interior of the building, to avoid the risk of freezing.

Performance and testing: § 6.4 of the NFS61-932

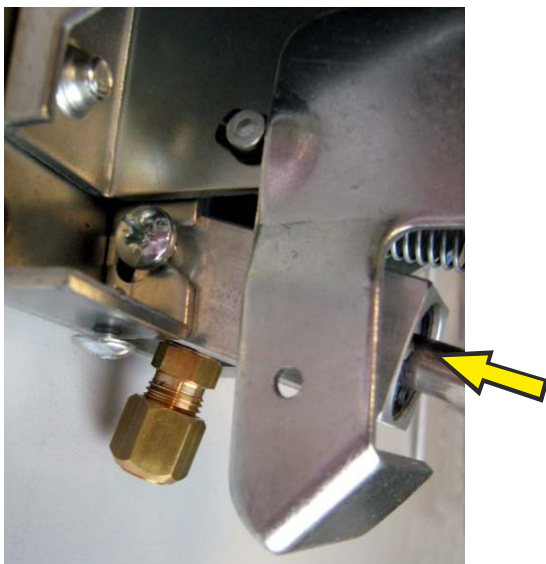
The calculation to define the capacity required should be based on the characteristics of the components of the system to be fed and should take into account the characteristics of the circuit.

The pressure should be checked using a specialised tool (for example a pressure gauge) in order to make sure that the pressure present in the circuit corresponds to this calculation. In addition, this tool will check the airtightness of the circuit.

Installation

Remove the casing.

Put the module on the lower part of the winch, with the connection facing downwards.



Tighten the screw to fix the module in place.



Connect the module to the copper network.
Place the tube into the coupling, tighten manually, then with a spanner until it is secure. (1.5 turns maximum)

Resetting

Make sure that the DCM command is switched off :

The pneumatic DCM line **MUST** be in **PRESSURE OFF**

Reset the module by pushing back the rod on the module.

Maintenance

THE PRODUCT, every 6 months.

Check that everything is in good working order.

INSTALLATION, see according to norm NFS61-933

Easy installation, useful material

To carry out the installation of this product, you will need the following :

Pressure control kit	KIP01
Copper piping	TCB506
Copper reel	TCC2506
Straight joint	RAU2621
T joint	RAU2623
Elbow joint	RAU2622
Steel piping	TAT2508
Metal trunking	GM201
Plastic trunking 22 x 10 in 2m	GP2210

Technical Characteristics

Material	:Steel, aluminium,tin,rubber.
Protection	:Zinc coating, none.
Energy	:CO ² or inert gas
Consumption	:0.01 normo-litre at atmospheric pressure (A.P.).
Pressure	:Operating=6 to 20 bar - max.=60b - Testing=90bar
DVM input	:Olive screw connection
Stroke	:17mm
Precautions	:Stock and install away from bad weather conditions.