



OMFB Controls

Product:	Description:	Page:
N-FORCE	AIR PROPORTIONAL CAB SWITCH	8-01
N-GAGE	AIR PNEUMATIC CAB SWITCH	8-03
LINEA	CABLE CONTROL	8-04
KIPTRONIC (EVO2)	ELECTRIC CAB CONTROL WITH PROPORTIONAL LOWERING	8-05
AIR-PACK	SYSTEM TO CONTROL PNEUMATIC PTO'S & TIPPING VALVES	8-06

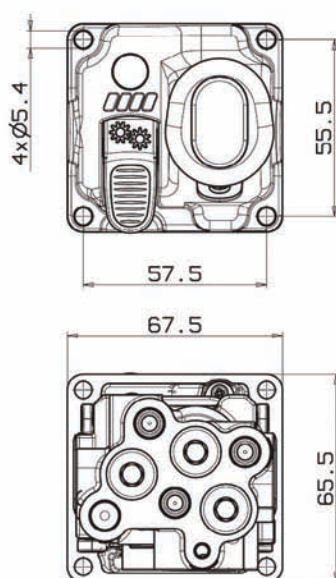
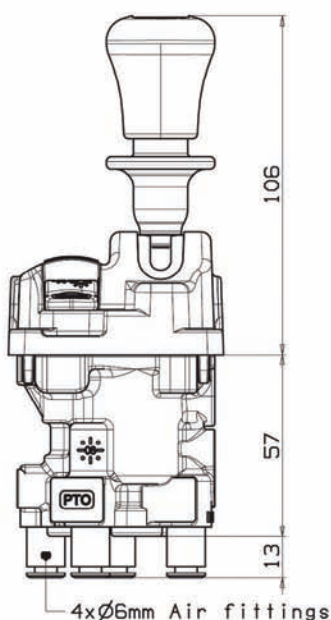


We reserve the right to make changes without notice.

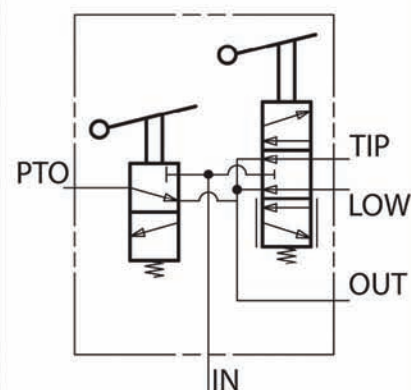




Air proportional cab switch with full integrated lever to control both PTO engagement and body tipping / lowering.
Several versions available to meet any requirements.



Functional diagram

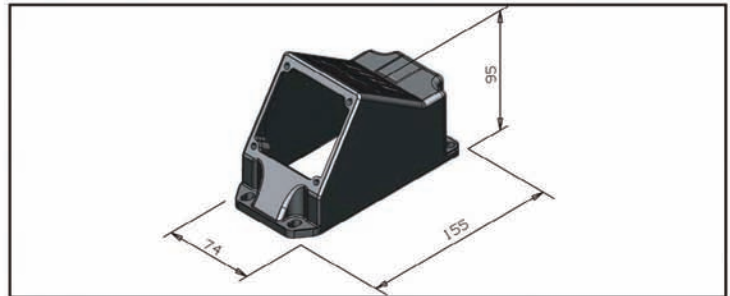


Available Versions	Product Code	Cab Control Kit incl. Nylon
Hoist + PTO Auto-Disengage	100-001-71094	AV094
Hoist + PTO	100-001-71067	AV067
Hoist Only without PTO	100-001-71101	AV101

N-FORCE ACCESSORIES

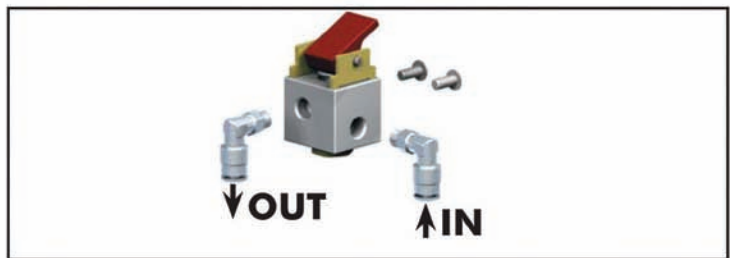
100-002-70065:

Bracket external mounting (OPTIONAL).
With this kit you can also fit a pneumatic switch (OPTIONAL) to control other auxiliary applications.



100-002-60101:

2-way pneumatic switch to be coupled with our bracket P/N 100-002-70065 (OPTIONAL).



100-002-00032:

Pressure switch assembly (OPTIONAL).

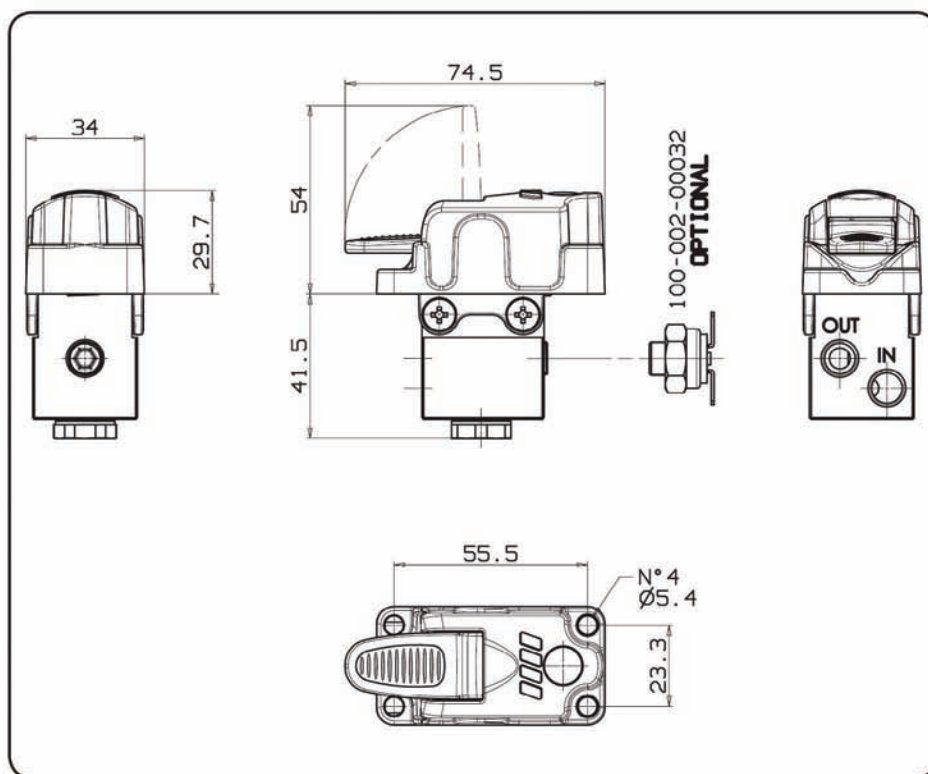
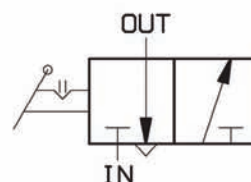




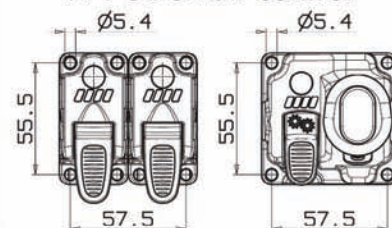
N-Gage
MULTI PURPOSE PNEUMATIC SWITCH

Technical features:

- pneumatic switch 3/2
- maximum pressure 12 bar
- switch and built-in signal LED for PTO control (only for model P/N 100-001-00462)
- pressure switch option for auxiliary signal P/N 100-002-00032 (optional)



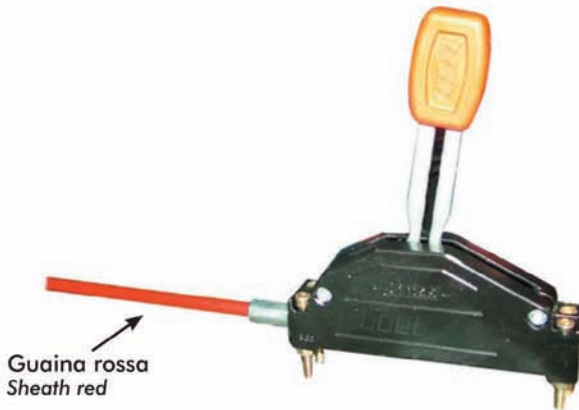
**Assembling compatible with
N-FORCE air control**



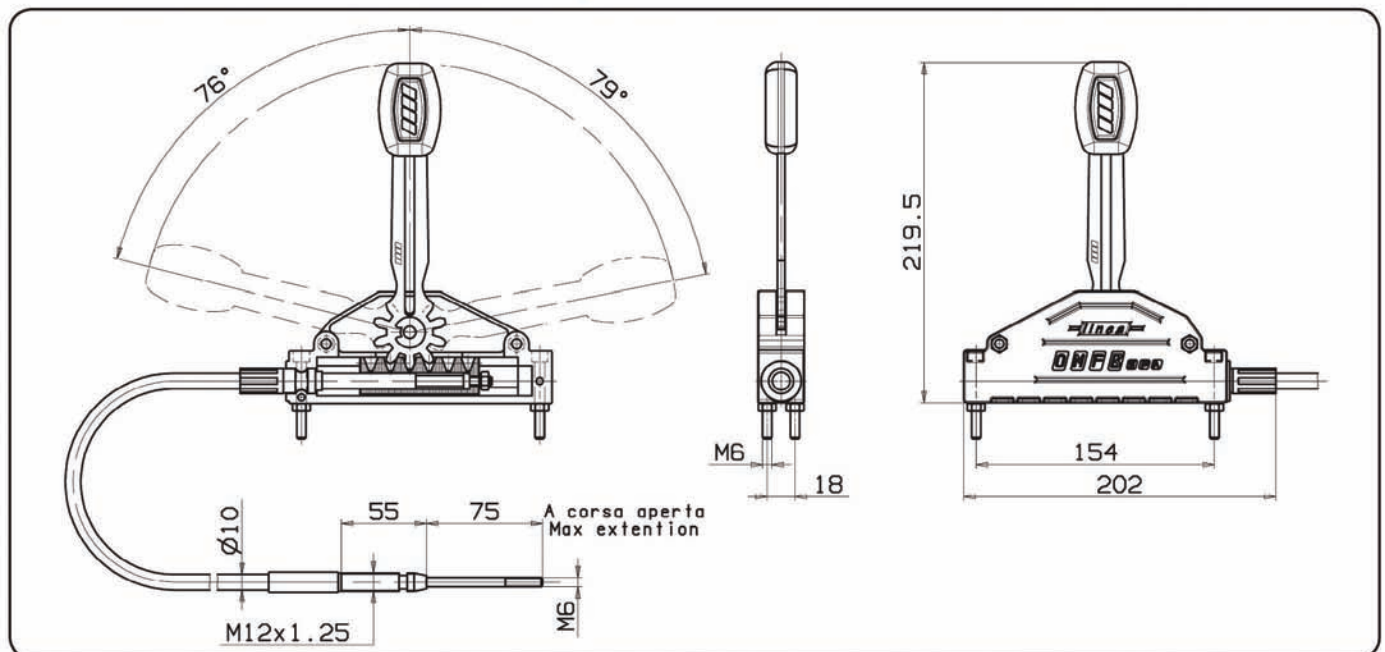
With Lamp:



100-001-00462



This remote control, the result of studies carried out to improve the efficiency and operation of the system, is suitable for moving mechanisms with relatively high loads. The careful choice of materials and friction-proof coatings allows this remote control to exert high forces with a minimal force on the lever. One typical application of this remote control is operation of PTO's and mechanically controlled "FM 80" deviators.



TECHNICAL FEATURES

- Stroke 45-50 mm
- Transmitted force: Traction 600 N/Thrust 350 N
- Sheat bending radius: 250 mm minimum
- Sheat lenght: from 1 to 10 mt

PHISICAL FEATURES

- Body in die-cast aluminium alloy (automotive).
- Pressed steel lever with tropicalised galvanic protection.
- Rack in high strength synthetic compound.
- Reinforced sheath with self-lubricated antifriction core

LINEA 250	10101002501	2500mm
LINEA 350	10101003000	3500mm
LINEA400	10101004009	4000mm
LINEA 450	10101004509	4500mm
LINEA 500	10101005008	5000mm

To convert old cable to new PTO fitment use:

Part No. 10100300137



KIP TRONIC EVO 2 is the result of OMFB's many years of experience in the Mobile Applications world and comes natural development of the first electronic system for the tipper management developed and produced by ourselves.

KIP TRONIC EVO 2 is the ideal tool for operating both truck and trailer tippers including side and rear doors plus dog lock.

12105390146	Kip-Tronic EVO2 (12v)
12105390155	Kip-Tronic EVO2 (24v)

SYSTEMS COMPONENTS:

External Unit -

Located inside a plastic box, it includes the Logic Unit and Solenoid Valves, complete with the related emergency Manual Controls to be used in case of electric failure. It must be fixed laterally on the vehicles chassis in a position easily accessible by the operator.

Internal Cabin Unit -

A modern and functional design is the main feature of the KipTronic EVO2 push-button control. The 2.5m wired cable allows the driver to control the operations from outside the cabin.



in the CABIN

Ergonomic control unit fixed on the dashboard or near the drivers seat.



Externally

Wired cable length up to 2.5m.



on the CHASSIS

External box, housing the wiring, the Logic Unit and the pneumatic connections.



Emergency Controls

In case of failure you can manually perform the required functions.



We reserve the right to make changes without notice.

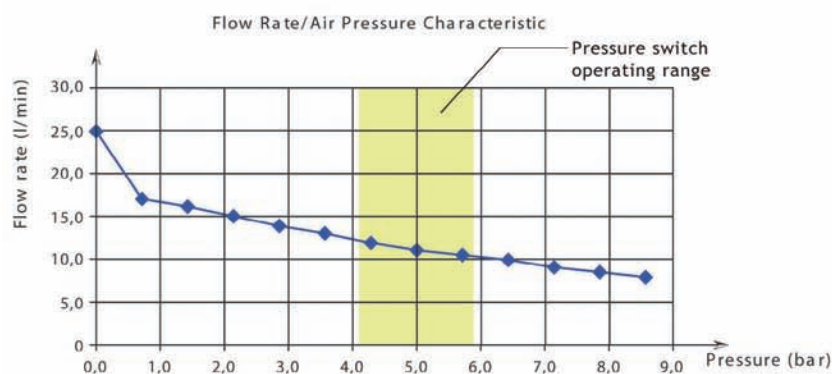




Dimensions
260 x 240 x 75mm

"AIR-PACK"

- Generates compressed air needed to pneumatically engage PTO's
- Enables the installation of pneumatic PTO's on any vehicle, leading to improved reliability of the system
- 4 mm air pipe supplied with unit



OPERATING SPECIFICATION

$P_{min} = 4.2 \text{ bar}$
 $P_{max} = 5.8 \text{ bar}$

Flow Rate = 10 l/min

150W DC electric motor
Direct coupling between motor and compressor piston

- Monobloc pneumatic circuit - no fittings reduces the likelihood of leaks

Specification	U.M.	Min	Typ	Max
Flow rate with air pressure of 5 bar	dm ³ /min	10	11	12
Displacement	cm ³ /rev	5,5		
Motor speed at 5.8 bar	rpm	2300		
Maximum running pressure	bar	9		
Pressure switch trip pressure	bar	4,2	-	5,8
Noise level (at a distance of 1 meter)		65	68	70
Supply voltage	V	24		
Absorbed current	A	8	9	10
Average time to reach 5.8 bar	s	0,4	0,55	0,7
Mean engage time	s	0,3	0,4	0,5
Overall dimensions	mm	260x75x240		
Weight	kg	2,65		

Part No. Description:

10019604	Air Pack 12V
10019659	Air Pack 24V



We reserve the right to make changes without notice.

