GOBI77A

Automatic Dehydrator, 230 VAC

The GOBI77 Automatic Pressurization Dehydrator is designed to protect air dielectric cable systems up to 3600 l.

The dehydrator includes a self contained completely automated air drying system that utilizes a pressure swing moisture absorption cycle to provide pressurized dry air. This eliminates the need for replacement or manual reactivation of the desiccant and together with the LAN remote monitoring makes the GOBI77 dehydrator ideal for unattended operation at even remote sites. The diaphragm pumps start at 25 kPa and stop pumping 40 kPa to save energy.

FEATURES / BENEFITS

· Flow rate 840 Nl/h +/- 10%

· dew point better than -40°C @ 30°C Ambient temperature and 85° relativ humidity

· two pumps each with two drying chambers running alternatively

· drying chamber automatic regeneration

· microprocessor control low/high pressure, high humidity, power and system failure alarm

· local and remote alarm signalling

· mounting: wall, floor, 19" rack, 21" rack

Technical features

GENERAL SPECIFICATIONS

Product Type		Automatic Dehydrator
max. System Volume @Sea Level	l	3600
Output Capacity	l/h	840
Output Pressure	kPa (PSIG)	25 kPa starting pump, 40 kPa stopping pump, factory adjusted
Output Dew Point	°C	-40
Number of Outlets		4
Output Fitting		10 mm OD tube or adapter
Network Management		TCP IP protocol, RJ45 connection

ELECTRICAL SPECIFICATIONS

Operating Voltage	V	230 V AC
OperatingCurrent	A	0.7

MECHANICAL SPECIFICATIONS

Dimension H x D x W	cm	31 x 29 x 48.2 (wall mount) 31 x 24.5 x 53.5 (21" rack mount) 31 x 24.5 x 48.2 (19" rack mount)
Weight	Kg	21

ENVIRONMENTAL

Ambient Temperature Range	°C	-10 to +40

ALARMS

Alarm		Summary alarm provided by internal SPDT (Single Pole Double Throw) relay contacts. (remote alarm) Power and system failure (remote alarm) High pressure alarm (local alarm) Low pressure alarm (local alarm or by remote TCP/IP protocol) High humidity (local alarm or by remote TCP/IP protocol)

ACCESSORIES

Model Name	Description
TUBE-01-G18	Gas inlet adaptor G 1/8" for 6mm tube
TUBE-0816	Tube Clamp, 8-16 mm

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TUBE-SEAL	Teflon Tape 10mm, 12m

External Document Links

Service Manual

Notes

Delivery includes following accessories:

1x Power connector : IEC socket

1x Alarms connector : female connector with plastic case

25 meter Tube PR-5 or MB Ø10 mm.

4x Output angle adapters : plastic L code H2291(Dehydrator side)

4x Quick release union elbow : code H22106 (Cables side)

4x Adapters for cables connectors : code H0905 (1/8" thread)