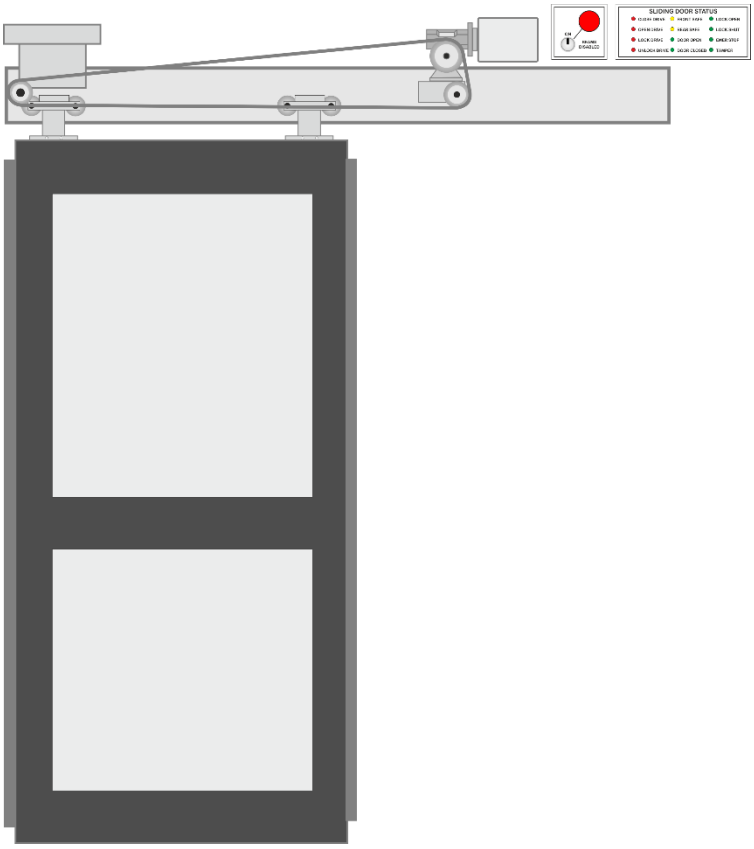
Folknoll Group Ltd.

MK II ELECTRIC PEDESTRIAN SLIDING DOOR DRIVE



NOMS COMPLIANT

SIMPLE, RELIABLE 'SAFER'

REPLACES AGEING HYDRAULIC SYSTEMS

IDEAL FOR HIGH SECURITY ESTATE

CONTENTS

ISSUE	DATE	DESCRIPTION
V1.00	01.12.2009	Original
V1.01	02.12.2009	Updates BJP
V1.02	09.12.2009	Updates BJP
V1.03	11.12.2009	Updates BJP
V1.04	07.09.2010	Changed to Folknoll blue
V1.05	08.09.2010	Changed to RA numbers
V1.06	10.02.2017	Changed to Folknoll Group and FG blue, merged standard and compact, update images
V1.07	10.09.2021	Updates for sensor beam disable

THIS DOCUMENT

This document is the Product Information data sheet for Folknoll Group Ltd MK II Electric Pedestrian Sliding Door Drive systems.

ABOUT FOLKNOLL

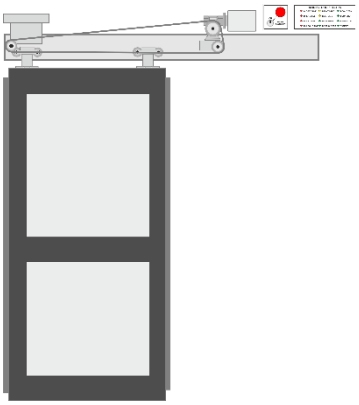
We are a UK based design, manufacturing and installation company. We have been producing communication, alarm and control systems since 1975. All of our products and systems are designed for toughness, reliability, easy installation, simple configuration, straightforward operation and low maintenance. As original manufacturer, all of our product ranges can be customised to suit your application. Including custom engraved panels, additional features and special systems.

GET IN TOUCH

Please contact us for further information about our wide range of products and services and find out how we can provide a solution for you.

ADDRESS: **Old North Rd, Royston HERTS, SG8 5TD, UK**
TEL: **+44 (0) 1763 234567**
EMAIL: **sales@folknoll.co.uk**
WWW: **www.folknoll.co.uk**

1 SLIDING DOOR DRIVES



- NOMS compliant
- Includes ‘Safe Edges’
- Established HMPS userbase
- Compatible with Locking Systems
- Compatible with Security Management Systems
- Integral Intelligent Test Box
- Optional Portable Engineer’s Sliding Door Terminal
- Simple, reliable drive mechanism for doors of up to 250Kg
- Replacement drive for ageing hydraulic systems

The Folknoll Group Electric Pedestrian Sliding Door Drive has been designed for use in HM Prison Service and similar institutions. The drive is fully compliant with Home Office specifications and is fully compatible with compliant security management systems.

We already have a significant number of established installations in high security locations.

The drive is intended as a ‘safer’ alternative for traditional hydraulic powered doors for new and existing installations. The drive will easily operate heavy duty high security glazed doors of up to 250Kg. The drive’s rugged yet simple design provides long-term reliable operation, simplifies routine maintenance and component replacement, reducing lifetime costs.

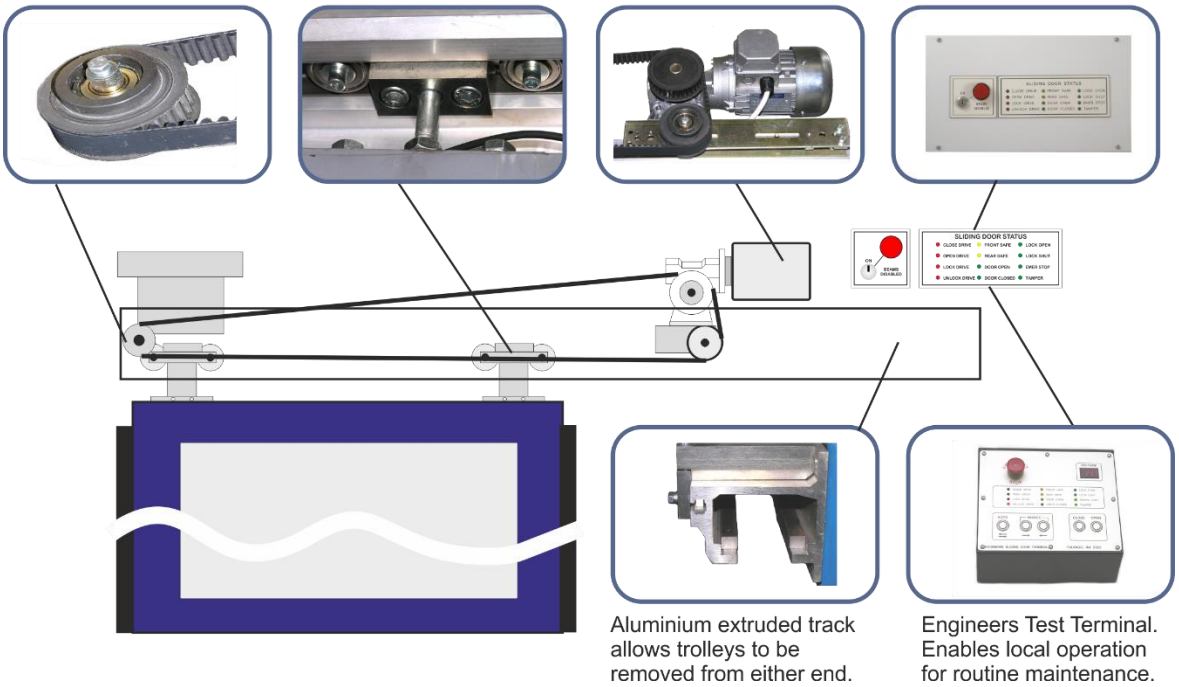
DRIVE PARTS

Single heavy duty 20mm wide drive belt.

All metal suspension system. Trolleys run on case hardened bearings.

0.2 Kw Electric Motor and Gearbox with adjustable torque limiter.

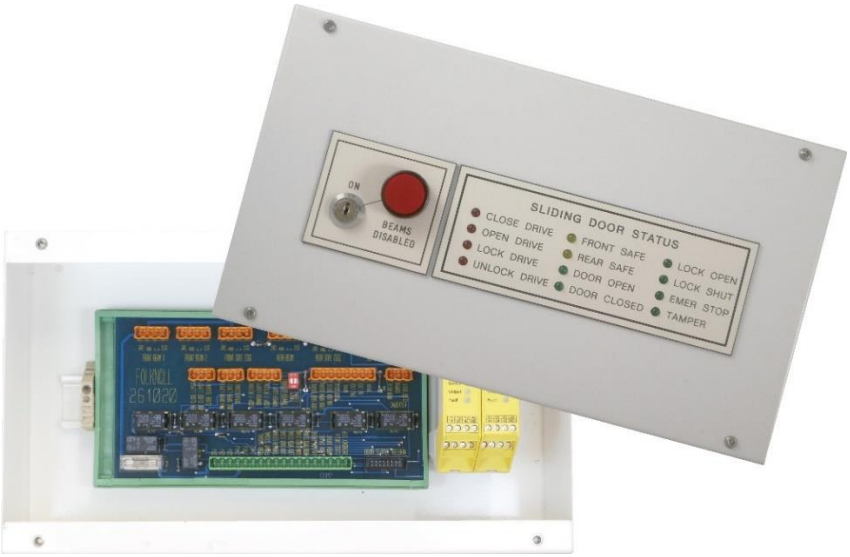
Intelligent Test Box. Full LED indication of door status.



Aluminium extruded track allows trolleys to be removed from either end.

Engineers Test Terminal. Enables local operation for routine maintenance.

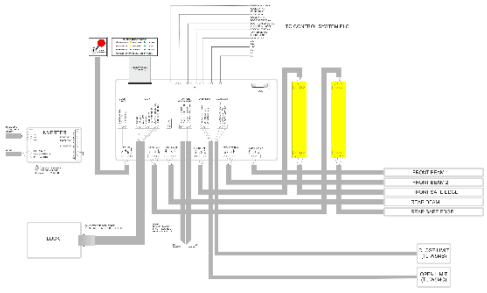
2 INTELLIGENT TEST BOX

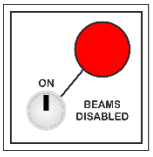


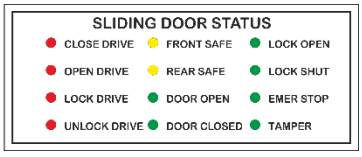
The new MK III pedestrian sliding door drive intelligent test is fully compliant to **NOMS/E/SPEC/012 AND THE RELEVANT BS STANDARDS**, with an upgraded dual safe edge controllers and new keyed sensor beams disable switch.

CABLE TERMINATION

The Intelligent Test box acts as a junction box connecting the multi-core security system control cable to the drive control cables. The multi-core cable is terminated directly in the Intelligent Test Box, no need for additional terminals, breakout cables, etc. reducing the risk of cabling faults and system downtime.





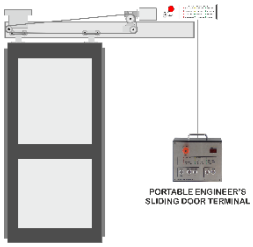


DOOR STATE INDICATORS

The Intelligent Test Box has twelve LEDs indicating the state of the sliding door drive relays and sensors. The indicators provide engineers with useful, real-time information about the drive operating cycle. Making service checks and fault diagnosis easier, reducing disruption and costs.

CONNECTION FOR ENGINEER'S TERMINAL

The Intelligent Test Box provides a connection point for our Portable Engineers' Sliding Door Terminal. The Engineer's Terminal allows an engineer to operate the door drive locally without disrupting security control system operators. Ideal for testing the drive during maintenance



AS PART OF OUR OPEN STANDARDS INITIATIVE THE INTELLIGENT TEST BOX IS COMPATIBLE WITH ALL NOMS COMPLIANT DOOR DRIVES, AND CAN BE FITTED TO COMPLIANT DRIVES TO PROVIDE DOOR STATE INDICATION AND PORTABLE ENGINEER'S TEST TERMINAL CONNECTION

3 PORTABLE ENGINEER'S SLIDING DOOR TERMINAL

TO REDUCE HEALTH AND SAFETY RISKS

FOLKNOLL RECOMMEND

THE USE OF A

PORTABLE ENGINEER'S SLIDING DOOR TERMINAL

WHILST WORKING ON A DOOR DRIVE

Folknoll offer an optional Portable Engineer's Sliding Door Terminal for local control of the door drive during maintenace.

PRACTICAL CONTROLS

The terminal has big, tough, buttons which can be used to operate the door in three modes.

STANDARD: perform full open or close operation.

AUTO: repeatedly open and close the door.

NUDGE: small movements to help test individual parts of the door operating cycle.

For emergency use, there is a large red **EMERGENCY STOP** button.

PORTABLE

The terminal is specifically designed to be portable. It is supplied in a rugged enclosure with a convenient carrying handle. Control and drive power is derived from the 24V and mains supplies within the door mechanism. There is no need for additional mains cables, batteries, etc.

EASY CONNECTION

The Engineer's Termnal is easily connected into a door drive's Intellgent Test Box using our standard cable set.

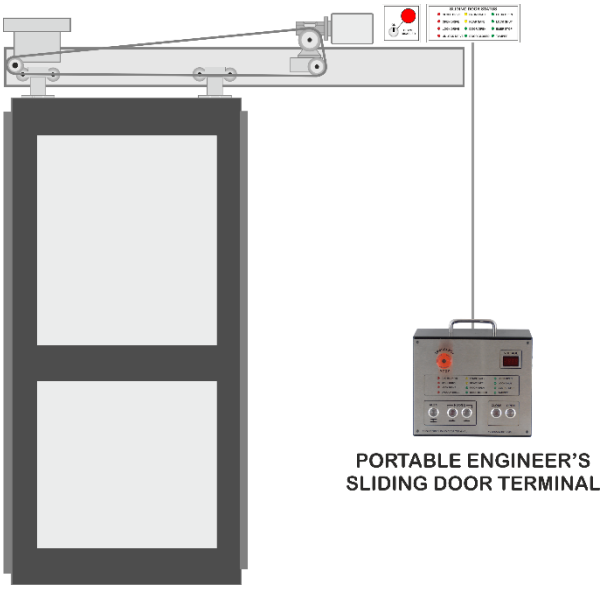
CONTROL SYSTEM ISOLATION

Using an Engineer's Terminal isolates the door drive from the main security control system, avoiding interlock issues and preventing accidental door drive operation by system operators. This improves health and safety, reduces operator disruption and minimses intereference to the flow of personnel through a locking system during door maintenance.

DOOR STATE INDICATORS

The Engineer's Terminal has a set of door state indicators replicating the display on the Intelligent Test Box to aid diagnostics during maintenance.

ADVANTAGES OF AN PORTABLE ENGINEER'S SLIDING DOOR TERMINAL

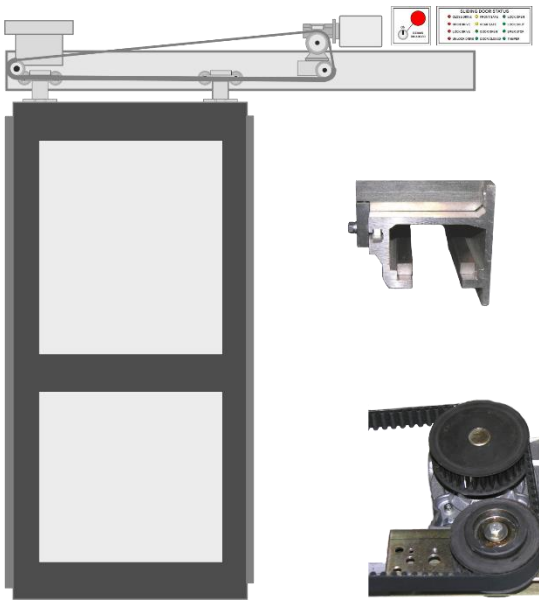


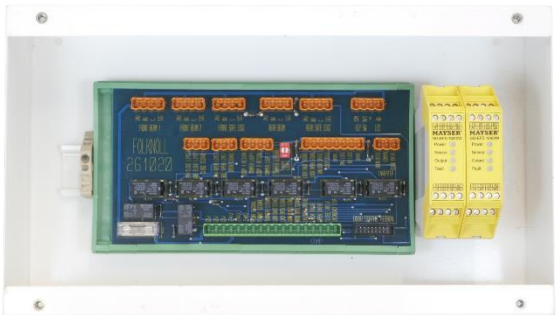
PORTABLE ENGINEER'S SLIDING DOOR TERMINAL

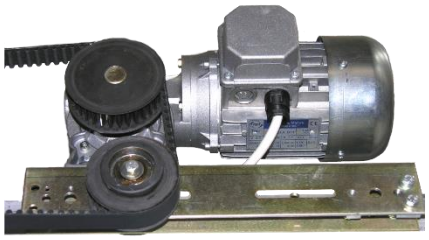
USING AN ENGINEER'S DOOR TERMINAL ISOLATES THE DOOR DRIVE FROM THE CONTROL SYSTEM. PREVENTING ACCIDENTAL REMOTE OPERATION DURING MAINTENANCE.

THE ENGINEER'S TERMINAL ALLOWS LOCAL DRIVE CONTROL WITHOUT AFFECTING CONTROL SYSTEM INTERLOCKS. REDUCING DISRUPTION TO NORMAL SECURITY SYSTEM OPERATION.

THE ENGINEER'S TERMINAL DISPLAYS CONTROL SYSTEM DRIVE STATE AND DOOR SENSOR STATES, FOR QUICK FAULT DIAGNOSIS. REDUCING DOWNTIME AND COSTS DURING MAINTENANCE.







Folknoll Group Ltd
Old North Rd, Royston, HERTS, SG8 5DT, UK
www.folknoll.co.uk
+44 (0) 1763 234567
enquiries@folknoll.co.uk