

AGD

 ADVANCED
 GLOBAL
 DETECTION
 SYSTEMS

AGD925

HIGH LEVEL PUFFIN NEARSIDE SIGNAL (STANDARD & NFOV OPTICS)

Customer information

GENERAL

The AGD925 high level Puffin repeater consists of a two legend signal (a red waiting man and a green walking man) and is designed for use as a high level repeater to the main Puffin nearside signal (AGD926/AGD946). It offers additional safety benefits at particularly busy Puffin installations where the main signal may be obscured to approaching pedestrians by those already waiting to cross.

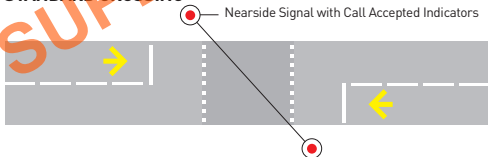
This compact slim-line unit offers a modern style with rotational adjustment on the pole.

The units are available with either Standard or Narrow Field of View(NFOV) Optics.

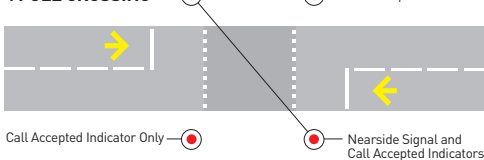


SITE DESIGN CONSIDERATIONS

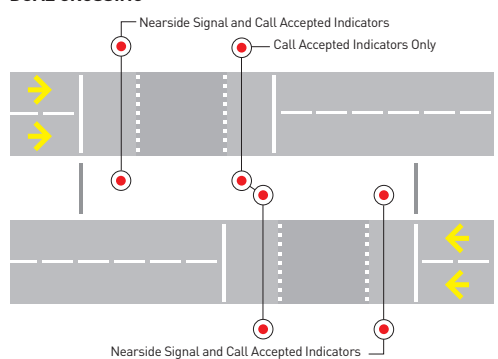
STANDARD CROSSING



4 POLE CROSSING



DUAL CROSSING



AGD Systems Limited

White Lion House, Gloucester Road, Staverton, Cheltenham, Gloucestershire, GL51 0TF UK

+44 (0) 1452 854212 www.agd-systems.com

F: +44 (0) 1452 854213 E: info@agd-systems.com For product regulatory information please visit www.agd-systems.com

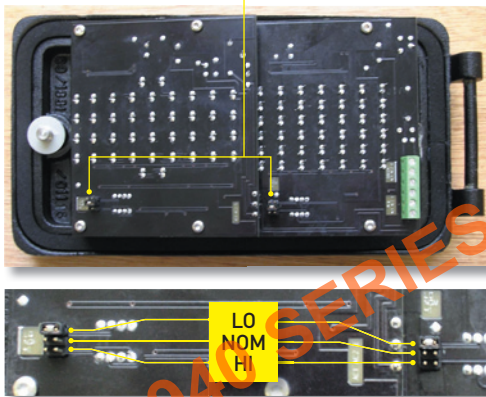


ELECTRICAL CONNECTIONS

The signal head is designed to work around 48Vac. If the controller drops the voltage for night-time environment the unit will auto select the correct light intensity. It is essential that the signal head is connected to the correct power supply where connection is made internally. The supply is brought through the back of the unit from the pole to be connected to the screw terminal. Consideration must be given to the multiple grounding of supplies and its effect on the whole system. The signal head is connected to earth also at the terminal.

For correct operation with all controllers and especially ELV the Jumper for both red and green aspects, as shown, should be in the **LOW** position. Failure to adhere to this may compromise the correct operation for ELV functionality. **NOTE - these units are not currently lamp monitorable.**

VOLTAGE SELECTION JUMPERS



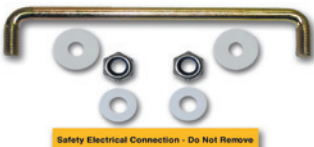
WIRING CONNECTIONS

AGD925 Flying Lead	Pole Cap Termination Connections
Repeater Red Aspect (Red)	Controller to NSS Red Aspect supply
Repeater Red Aspect (Blue)	Controller to NSS Red Aspect supply
Repeater Protective Earth cable (50/025)	Protective Earth from Controller
Repeater Green Aspect (Green)	Controller Green Aspect supply
Repeater Green Aspect (Yellow)	Controller Green Aspect supply

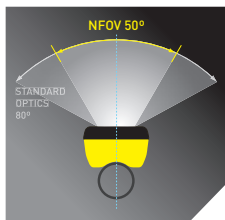
INSTALLATION

The AGD925 signals should be mounted in accordance with the Puffin Good Practise Guide available from the DfT in relation to the kerb edge and wait area. Typically they are mounted at a distance of 1.75m from the ground to the foot of the green man. These Puffin signals employ a lateral adjustment from the centre to allow for final on-site viewing angle adjustment eliminating the need for re-drilling the pole. The rear of the enclosure has a foam gasket to prevent moisture ingress and when adjusting the lateral angle it is therefore important to slacken off

the fixing bolts sufficiently to allow ease of movement around the pole. Once correctly positioned lock the unit in place by tightening the U-bolt fixings.



Contents of mounting kit (including mounting details)



The special NFOV (narrow field of view) optics feature a reduced viewing angle on the green man reducing the potential for 'read through' and ensuring the pedestrians focus remains with the main nearside signal.

- Standard optics $\pm 40^\circ$ on axis. NFOV option $\pm 25^\circ$ on axis.