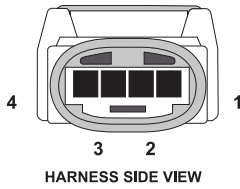
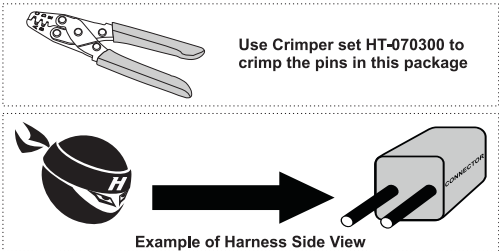


S4 - Grey Dual Channel Hall Effect Sensor 1/2" UNF (inc plug & pins)

The S4 is a dual channel digital sensor that produces a Hall effect square wave output signal (digital)

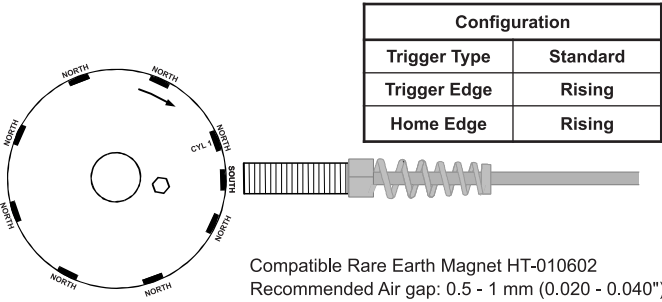


Termination	
1	+12V Switched
2	HOME - Activates when South facing magnet is detected
3	TRIGGER - Activates when North facing magnet is detected
4	0V Signal Ground

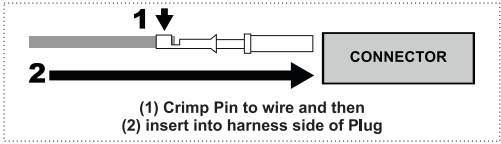


Example of use:

On the camshaft of an 8 cylinder engine you would use 9 magnets. 8 facing North and 1 facing South. The trigger edge would be rising and the home edge would be rising. The South facing magnet is your home event, which should occur before the North facing magnet for cylinder 1, and after the North facing magnet for the last cylinder to fire. The TDC offset angle is the angle between the first North facing magnet after the South facing magnet and cylinder 1 top dead centre compression.



Please take care when wiring this sensor as incorrect wiring will damage this sensor!
Do NOT reverse the polarity of active sensors as sensor damage will occur.



HT-010606

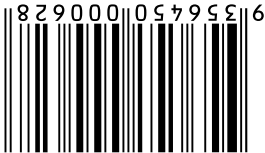
Revision #6

Need more help?

AUS: +61 2 9729 0999 **USA East:** (888) 298 8116 **USA West:** (949) 490 5660
Europe: +43 720 883968 **UK:** 0121 285 6650 **NZ:** 09 887 0616

www.haltech.com/support support@haltech.com

This sensor is **strictly non-refundable** if this packaging has been opened or tampered with. This sensor has been individually electronically tested before packaging and is sold "as is" and without any further warranty. If you do not accept these terms please return this sensor in its original unopened packaging for a full refund.



S4 - Grey Dual Channel Hall Effect Sensor 1/2" UNF (inc plug & pins)
HT-010606



In many states it is unlawful to tamper with your vehicle's emissions equipment.

Haltech Off-Road Usage Policy

Haltech products are designed and sold for sanctioned off-road/competition non-emissions controlled vehicles only and may never be used on a public road or highway. Using Haltech products for street/road use on public roads or highways is prohibited by law unless a specific regulatory exemption exists (more information can be found on the SEMA Action Network website www.semasan.com/emissions for state by state details in the USA).

It is the responsibility of the installer and/or user of this product to ensure compliance with all applicable local and federal laws and regulations. Please check with your local vehicle authority before purchasing, using or installing any Haltech product.

No responsibility whatsoever is accepted by Haltech for the fitment of Haltech Products. The onus is clearly on the installer to ensure that both their knowledge and the parts selected are correct for that particular application. Any damage to parts or consequential damage or costs resulting from the incorrect installation of Haltech products are totally the responsibility of the installer.

Haltech Limited Warranty

Unless specified otherwise, Haltech warrants its products to be free from defects in material or workmanship for a period of 12 months from the date of purchase. Proof of purchase in the form of a copy of the original purchase invoice, receipt or bill of sale which indicates that the product is within the warranty period, must be presented to obtain warranty service. If the Haltech product is found to be defective as mentioned above, it will be replaced or repaired if returned prepaid along with proof of purchase. This shall constitute the sole liability of Haltech. To the extent permitted by law, the foregoing is exclusive and in lieu of all other warranties or representations, either expressed or implied, including any implied warranty of merchantability or fitness. In no event shall Haltech, be liable for special or consequential damages.

Product Returns

Please include a copy of the original purchase invoice, receipt or bill of sale along with the unused, undamaged product and its original packaging. Any product returned with missing accessory items or packaging will incur extra charges to return the item to a re-salable condition. All product returns must be sent via a freight method with adequate tracking, insurance and proof of delivery services. Haltech will not be held responsible for product returns lost during transit. The sale of any sensor or accessory that is supplied in sealed packaging is strictly non-refundable if the sealed packaging has been opened or tampered with. This will be clearly noted on the product packaging. If you do not accept these terms please return the sensor in its original unopened packaging within 30 days for a full refund.

Returning a sensor or accessory product within 30 days of purchase: Product may be returned for credit or full refund. (Any sealed packaging must not have been opened or tampered with)

Returning a sensor or accessory product after 30 days of purchase: Product may be returned for credit only (no refunds given) and is subject to a 10% Restocking fee. (Any sealed packaging must not have been opened or tampered with)