

# SMITHS Indicator Type 9547

26 januari 2013 /kb

REF NO 10Q/16355

CODE WT/D 143473

This indicator was used with the British STARN21 TACAN set. A coupler like the CU-392 is required to convert the tacan signals intended for the ID-307 azimuth and ID-310 Range indicators into signals for the four synchro's in the type 9547 indicator.

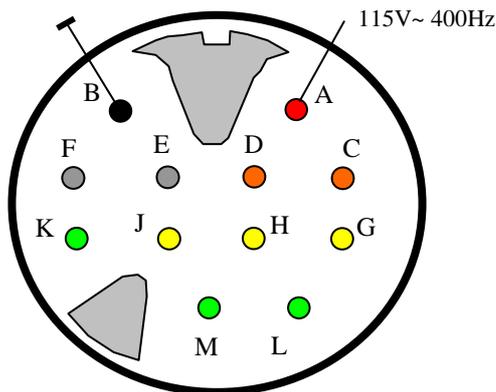
The four synchro torque receivers drive: the azimuth pointer, tens and units (0...9) of the range, and the shutter. The shutter has 3 positions: a yellow bar (invalid), a "1" before the two digits, or no shutter. Spring action shows the invalid bar when the shutter synchro is not powered.



All 4 synchro torque receivers are identical, rated:

Voltage **115V/ 90V, 400Hz**. Rotor 500 ohm dc  
 TYPE MOD 01 02 04 Stator 3 x 350 ohm dc  
 REF 10K/ 19434  
 CODE ACS8/AF

The synchro's differ in the colorgroup on the wires. These are also shown on the connector pinout and the front view of the synchro's as shown below.



Plug: Pattern 104- "Plessey" Mk4? 12 way dia 27mm

Yellow circles are the synchro's, white are the number discs.

