CIES SENDERS – SWIFT SENDERS

CIES MAGNETIC FUEL LEVEL SENDER KITS

A better way to measure fuel. This Magnetic Field Sensor technology is patented by CiES Inc. for fuel level senders. These sensors use the basic premise that the electrical properties of certain ferromagnetic alloys, such as permalloy, are influenced by external magnetic fields. Like a compass that always points to magnetic North, no matter how you move the fuel - these fuel level senders always point to the float sitting on the surface.

The initial STC allows the CiES to replace the existing fuel quantity senders in: • Britten Norman BN2 • Beech 33, 35, 36, 55, 58 • Cessna 170, 172, 177, 177RG, 180, 182, 185, 206, 207 • Cirrus SR20 SR22 • Fairchild 24 • Gippsland GA8 • Maule • Mooney • Piper PA 23, PA 24, PA 28, PA 30, PA 31, PA 32, PA 39, PA 44 • Vulcanair P68 • Fairchild 24 **Specifications**: • CiES CC-Series fuel senders are TSO certified to C55a and associated SAE AS405C. • They have met all the DO-160(F) and DO-254 DAL (Design Assurance Level) Level D requirements for the TSO.

Vendor Part Number	Description	Part No.	Price
CC284022-C170-105	Analog Sender Kit For Cessna C170	10-06510	---
CC284022-C210-105	Analog Sender Kit For Cessna C210	10-06514	---
CC284022-0608-101	Digital Sender Kit For Cessna C210 Strut Wing Tip	10-06532	---
CC284022-C150-101	Digital Sender Kit For Cessna C150/152	10-06533	---
CC284022-C170-101	Digital Sender Kit For Cessna C170	10-06534	---
CC284022-C177-101	Digital Sender Kit For Cessna C177	10-06535	---
CC284022-C210-101	Digital Sender Kit For Cantilener Wing C210	10-06536	---
CC284022-C172-101	Digital Sender Kit For Cessna 172/175	10-06537	---
CC284022-BTIP-101	Digital Sender Kit For Osborne Tip Tank	10-06538	---
CC284022-CESSNA-101	Digital Sender Kit For Cessna C210, 182, 185, 206 Strut Wing	10-06539	---
CC284022-B55A-101	Digital Sender Kit For Aux Tank B95	10-06540	---
CC284022-B58-101	Digital Sender Kit For B58	10-06541	---
CC284022-T34-101	Digital Sender Kit For Beechcraft 45/T-34	10-06542	---
CC284022-M20CDE-101	Digital Sender Kit For Mooney M20CDE	10-06545	---
CC284022-M20FGJK-101	Digital Sender Kit For Mooney M20FGJK	10-06546	---
CC284022-M20LMS-101	Digital Sender Kit For Mooney M20LMS	10-06547	---
CC284022-ARROW-101	Digital Sender Kit For Piper Arrow	10-06548	---
CC284022-P24-101	Digital Sender Kit For Piper PA22/24	10-06549	---
CC284022-P23-101	Digital Sender Kit For Piper PA28	10-06550	---
CC284022-CHEROKEE-101	Digital Sender Kit For Piper PA28	10-06551	---
CC284022-P30-101	Digital Sender Kit For Piper PA30/40	10-06552	---
CC284022-P31-101	Digital Sender Kit For Piper PA31	10-06553	---
CC284022-P68-101	Digital Sender Kit For Vulcanair P.68	10-06557	---
CC284022-MAULE-101	Digital Sender Kit For Maule	10-06560	---
CC284022-C195-101	Digital Sender For Cessna 190 / 195	10-06821	---
CC284022-B20-101	Digital Sender 20 Gallon Main For Beech 33 / 35 / 36	10-06823	---
CC284022-B25-101	Digital Sender 25 Gallon Main For Beech 33 / 35 / 36	10-06824	---
CC284022-B10-101	Digital Sender 10 Gallon Aux For Beech 33 / 35 / 36	10-06825	---
CC284022-B36TC-101	Digital Sender 40 Gallon Main For Beech 33 / 35 / 36	10-06827	---
CC284022-B40-101	Digital Sender 40 Gallon Main For Beech 33 / 35 / 36	10-06828	---
CC284022-NN MAIN-101	Digital Sender BN Main 101 for B-N Group	10-06829	---
CC284022-BN TIP AFT-101	Digital Sender BN TIP AFT 101 for B-N Group	10-06830	---
CC284022-BN TIP FWD-101	Digital Sender BN TIP FWD 101 for B-N Group	10-06831	---
CC284022-ACA8-101	Digital Sender For American Champion 8KCAB / 8GCBC	10-06832	---
CC284022-ACA7-101	Digital Sender For American Champion 7ECA / 7GCAA / 7KCAB	10-06834	---
CC284022-114-101	Digital Sender For Rockwell Commander 112 / 114	10-06836	---
CC284022-TB10-101	Digital Sender For Socata TB9 / 10	10-06837	---
CC284022-TB20-101	Digital Sender For Socata TB20 / 21	10-06838	---
CC284022-108-101	Digital Sender For stinson 108-1 Thru 180-5	10-06839	---
CC284022-AA5-101	Digital Sender For Grumman AA-5 / AG-5	10-06840	---

SWIFT FUEL CAPACITY SENDERS

Model Number	Size	Description	Part Number	Price
SF-F-12	12"	Bendable Alarm Sender, 5V Output	10-06660	---
SF-F-18	18"	Bendable Alarm Sender, 5V Output	10-06661	---
SF-F-24	24"	Bendable Alarm Sender, 5V Output	10-06662	---
SF-Z-12	12"	Alarm Sender, 5V Output	10-06663	---
SF-Z-24	24"	Alarm Sender, 5V Output	10-06664	---
SF-Z-48	48"	Alarm Sender, 5V Output	10-06665	---
301-KV-000	--	Sender, Connecting Cable	10-06666	---