



I-PROP

IFSF-LON® from Proprietary Protocol Converter

The I-PROP converter has been designed as the universal hardware making possible the conversion from proprietary interfaces of the site equipment devices to the interface standard IFSF/LON®. The converter is equipped with two asynchronous communication lines on the proprietary interface side. The modular design of the proprietary side enables the alternative physical lines (Current Loops, RS232, RS422, RS485 etc.). The I-PROP plastic case enables easy mounting on standard DIN rail. The converter is ready for the installing directly into the dispenser head. The I-PROP requires external stabilised power supply.

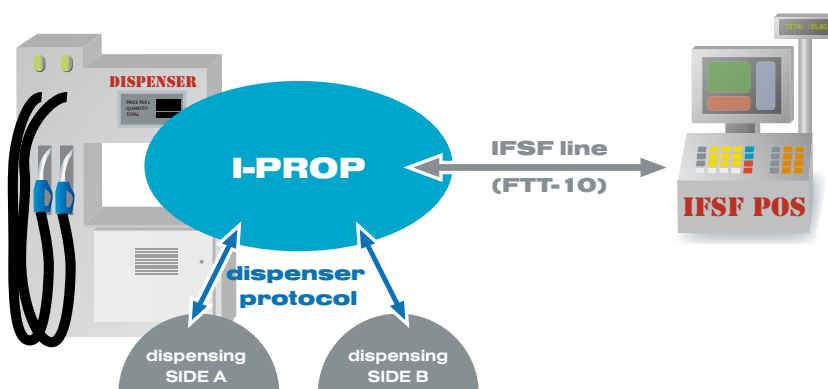
“Multi I-PROPs” are available for some dispensers. Multi I-PROP contains several I-PROPs installed into the PC case with the power supply. Upgrade of the petrol station with the Multi I-PROP requires only reconnection of the proprietary communication lines from the old site controller to the Multi I-PROP and its connection with the IFSF POS.



Features:

- simple setup and installation
- supports IFSF dispenser application V2.00 (passed IFSF certification process)
- various calculator physical line interfaces
- supports multi-grade and single product dispensers
- low-cost solution for upgrading legacy dispensers to IFSF
- wide operating temperature range
- diagnostic LEDs and diagnostic interface

TYPICAL I-PROP INSTALLATION



Supported protocols:

- ATCL (Autotank)
- Christian Rowsing
- DART (Dresser Wayne, Petrolmeccanica)
- EASYCALL (Adast)
- ER3/4 (Mannesmann-Kienzle, Salzkoten, Scheidt-Bachmann)
- EPS (EPS3, EPS5, EPS6) (Tokheim)
- UDC (Tokheim)
- Tatsuno Metax (Tatsuno)
- ZSR (Schlumberger)



Technical data:

- power supply 5VDC/200mA (12VDC to 24VDC optional)
- operating temperature -40 °C to +80°C
- dimensions 90x58x160mm
- IFSF communication line FTT-10 (Free Topology Twisted Pair)
- diagnostic LEDs (operating, IFSF communication, proprietary communication)

Ordering codes:

I-PROP	Description	12-24V*
PKONV EPS-IFSF/001	Protocol converter EPS3/EPS5/EPS6 - IFSF.	-
PKONV EC-IFSF	Protocol converter EASYCALL - IFSF.	x
PKONV WD-IFSF	Protocol converter DART - IFSF.	x
PKONV TATSUNO-IFSF	Protocol converter Metax Tatsuno - IFSF.	x
PKONV ATCL-IFSF	Protocol converter ATCL - IFSF.	-
PKONV UDC-IFSF	Protocol converter UDC - IFSF.	x
PKONV SCH-IFSF	Protocol converter ZSR - IFSF.	-
PKONV K-IFSF	Protocol converter ER3/ER4 - IFSF.	-
PKONV CR-IFSF	Protocol converter Christian Rowsing - IFSF.	-
PKONV SB-IFSF	Protocol converter ER3/ER4 - IFSF. Note: Only for the Scheidt -Bachmann T10 dispensers.	-
PKONV EPS-IFSF/001/CSx	Multi protocol converter EPS3/EPS5/EPS6 - IFSF. x - number of the installed I-PROPs.	-
PKONV CR-IFSF/CSx	Multi protocol converter Christian Rowsing - IFSF. x - number of the installed I-PROPs.	-
PKONV TATSUNO-IFSF/CSx	Multi protocol converter Metax Tatsuno - IFSF. x - number of the installed I-PROPs.	-
PKONV - PWR-01	Internal supply module for the power input 12VDC to 24VDC.	-