

In this month's Hydrafile:**IFM Electronic Sensors**

Hyspecs now stocks the IFM range of electronic sensors, manufactured in Germany.

The sensors all feature G $\frac{1}{4}$ "BSP male threads with seal. Electrical connection is the M12 industrial standard. For customers who are not using their own M12 wiring loom we stock a 90 degree wireable plug.

The PK pressure switches are ideally suited to accumulator load/unload systems as they feature high and low setpoints on one switch. The pressure setpoints can be adjusted without tools or hydraulic pressure.

For mobile applications we also have a plastic cover that fits over the PK and TK sensors to protect them against mud, dust and splashed water. The sensors are all stainless steel metal parts.

Specifications/Downloads:

[IFM Pressure Switch](#), 0-250 or 400 bar, normally open or closed switch

[IFM Pressure Sensor](#), 0-250 or 400 bar, 4...20mA analogue output

[IFM Temperature Switch](#), 16-140 degrees Celsius, normally open or closed switch

For more information or to purchase one of these IFM sensors please drop us an email by [clicking here](#) or talk with one of our sales engineers by calling one of the numbers listed in the left hand "Contact Details" column of this email.

**Hydraulic Oil Testing Kits**

Castrol oil sample analysis kits are now available from Hyspecs.

The \$72 + GST list price of the kit includes postage to Castrol Christchurch and the test cost. Castrol offer a 24 hour turn around on the sample and results can be e-mailed directly to you. You can also request a 6 hour turn around if it is an emergency.

Hyspecs is also stocking Castrol Hyspin AWS oil in 20 litre packs (with handy built in pour spouts) and 205 litre drums.

"The Castrol Hyspin AWS Hydraulic Oil range has been formulated using premium mineral base stocks and incorporates the latest low zinc additive technology to provide outstanding anti-wear properties and thermal stability performance. The Castrol Hyspin AWS Hydraulic Oils have excellent hydrolytic stability providing superior wet and dry filterability and wet and dry pump performance. The Castrol Hyspin AWS range effectively control sludge and deposit formation whilst providing excellent corrosion protection to the ferrous and yellow metal components within the hydraulic system."



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40 Durham Street, Sydenham 8023
Christchurch, New Zealand

Online shopping at: www.hyspecs.co.nz

E-mail: hyspecs@hyspecs.co.nz

Click on the following link for more information: [Castrol Hyspin AWS 46](#) - 20 litre or 205 litre drum

Order your hydraulic oil/testing kit today by dropping us an [email](#), [shopping online](#) or by calling one of our sales engineers on the numbers listed in the left hand "Contact Details" column of this email.

Kar-Tech Mega Remote

Hyspecs is pleased to introduce a new offering from Kar-Tech - the Mega radio system. The basic concept - these Mega's would come with 9, 12 or 20 outputs, which could be programmed latching or maintained by Hyspecs or the end user. These units are to activate 12 or 24 volt on/off valves with no logic, very similar to our Mini's. You push a button and something happens.

As always, we can make the Mega's custom to your request, but this is a standard offering that can fill many rolls, straight off the shelf.

MEGA Overview

Kar-Tech's MEGA series transmitter melds rugged durability and an exceptionally intelligent wireless module together in an ergonomic, handheld-sized enclosure.

The glass filled nylon enclosure was designed to be extremely shock-resistant: it's further surrounded by a protective boot, and holds room for up to 25 pushbuttons, single or dual action, in various layouts or 18 with the optional backlit LCD display.

The electronics are based on our standard best-in-class wireless platform or our award winning MINI series system. Both systems incorporate full two-way communication to alert the operator at the handheld of any machine-side information: low battery, error codes, sensor inputs, etc.

The MEGA is flexible enough to mate with our low cost MINI receiver, our high-powered VC-series receivers, or our industrial line of receivers for in-plant operation.

Easy access to the sealed battery compartment allows the user to swap out batteries quickly without damaging the internal components, and we have designed this system with a low parts count so that every item is field-replaceable by the end user.

Download the brochure [here](#). Visit the Kar-Tech website [here](#).

[Call Hyspecs](#) for more information or drop us an email by [clicking here](#).



Warm regards

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