



The most powerful way of getting your message across is to broadcast it. When you need real-time production information to be continually available to your production staff, then TCS has the messaging solution for you.

The **MO' message** displays allow you to select from off-the-shelf solutions to module custom design solutions. This modular approach provides you with the optimum solution to meet your industry need's from 5 to 80 alpha-numeric characters, from as small as 6mm x 3mm (*panel mount*) to 100mm x 60mm (*wall mount*), both indoor and outdoor light intensity.

### Enclosures

The standard enclosure is a stylish powder coated mild steel. All mild steel components are anodized to prevent corrosion in even harsh environments. The Perspex diffuser provides anti-glare as well as disbursement of the LED dots to form the characters. Enclosures can be custom made to suit your requirements with characters arranged in many formats. Stainless steel enclosures are also available.

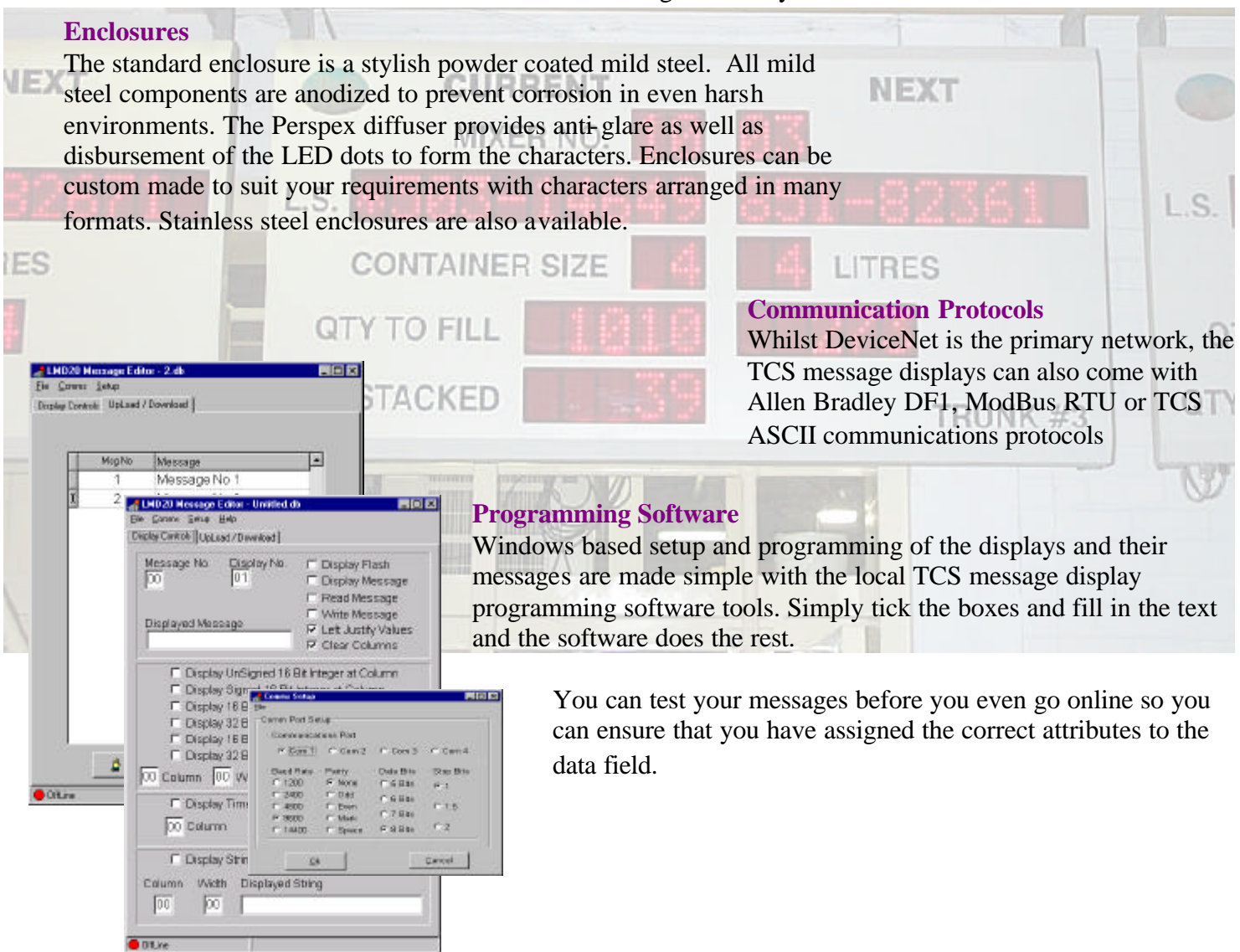
### Communication Protocols

Whilst DeviceNet is the primary network, the TCS message displays can also come with Allen Bradley DF1, ModBus RTU or TCS ASCII communications protocols

### Programming Software

Windows based setup and programming of the displays and their messages are made simple with the local TCS message display programming software tools. Simply tick the boxes and fill in the text and the software does the rest.

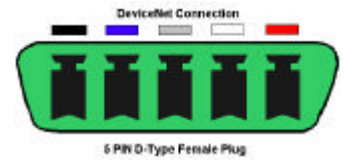
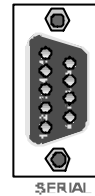
You can test your messages before you even go online so you can ensure that you have assigned the correct attributes to the data field.



MO-MESSAGE-LMD40-xSS-xx	50x30mm 40 Character LED Message Display
MO-MESSAGE-XLMD40-xS-xx	100x60mm 40 Character LED Message Display

## Specifications

Supply Voltage	24V DC DeviceNet™ Standard
Operating Temperature Range	-18°F to 158°F (-25°C to 70°C)
Enclosure	Mild Steel / Stainless Steel (custom made or standard)
Characters	5 to 80 alpha-numeric characters 5 character modules
Character Size	100mm x 60mm
Intensity	Indoor Outdoor
Communications	DeviceNet ModBus RTU Allen Bradley DF1 TCS command set
Relative Humidity	5% to 95%
Dimensions - 20 character - 40 character	1150mm(W) * 180mm(H) *50mm(D) 1150mm(W) * 280mm(H) *50mm(D)
Mounting	Surface Mount
DeviceNet Specifications	
Connections DeviceNet	5 Pin Phoenix Plug
Network Address	(00 to 63)
Baud Rate	125, 250 or 500 Kb/s
Dip Switch Configurable	MAC ID and Baud Rate



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