

The ICT820 Contactless In-Cylinder Linear Transducer combines the best of associated with LVDTs and potentiometers into one rugged, contactless are reliable displacement transducer with the addition of a CAN SAE J1939 into

Signal conditioning is integrated into the transducer flange. Operating from 8 - 30Vd supply, the electronics provide a CAN SAE J1939 output over the selected transducer measurement range.

With a transducer body diameter of only 8mm the ICT820 is ideal for installation in hydraulic and pneumatic cylinder applications where space is at a premium. The ICT ideal for use on small-bore actuators and offers a choice of internal or threaded external flange mounting configurations to suit tie-rod, welded and rear clevis-mounted cylind types in stroke ranges from 25 to 1000mm.

Two core configurations also provide the designer the following options:

SLEEVED CORE - cylinder rods can be simply machined to accommodate the sleeve. This also gives the option of retro-fitting existing servo-cylinders with an upgrade to technology.

and simplified installation requiring minimal machining.

With no electrical sliding contacts, the **ICT820** has a working life which is almost limitless.



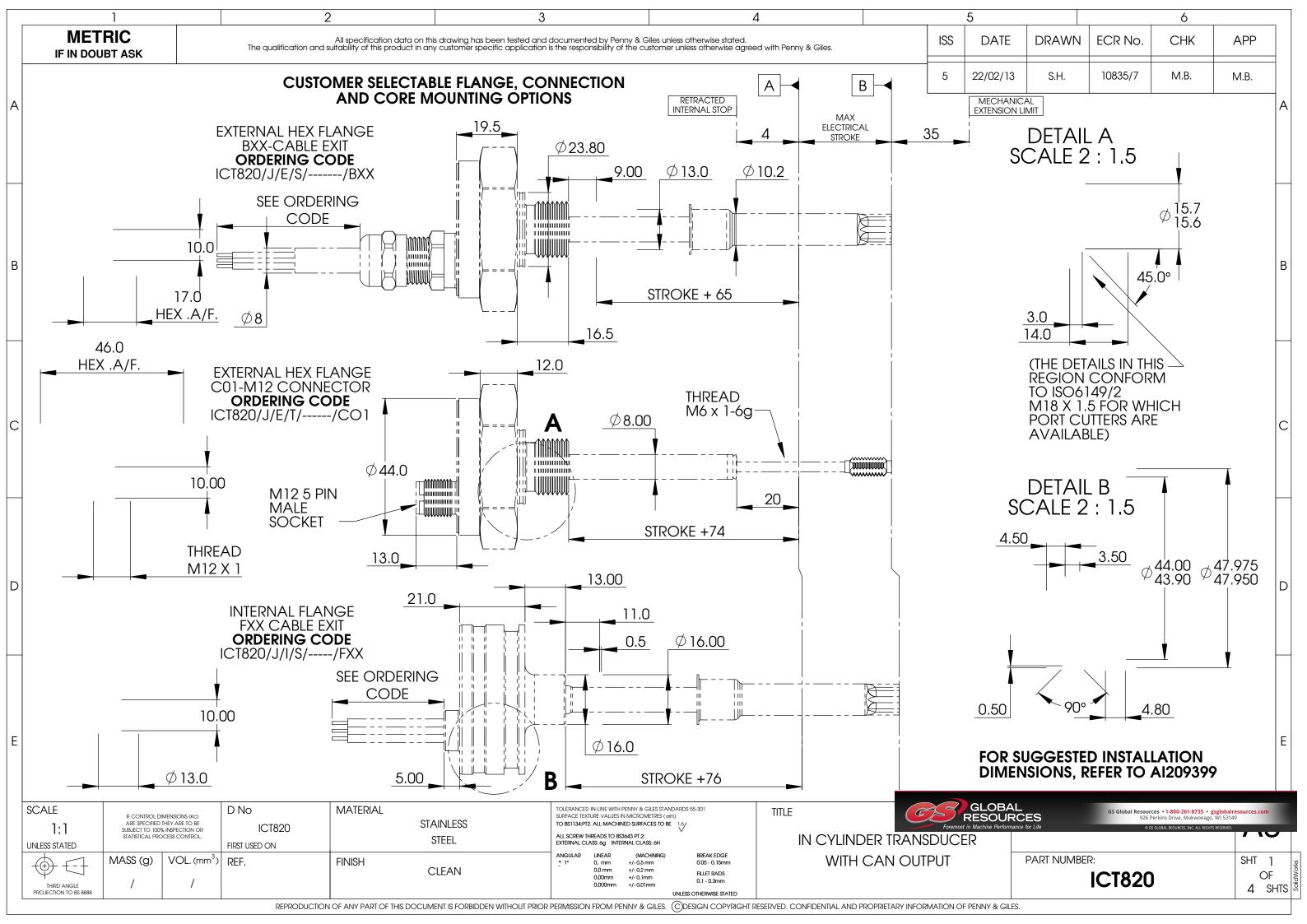
Key Features

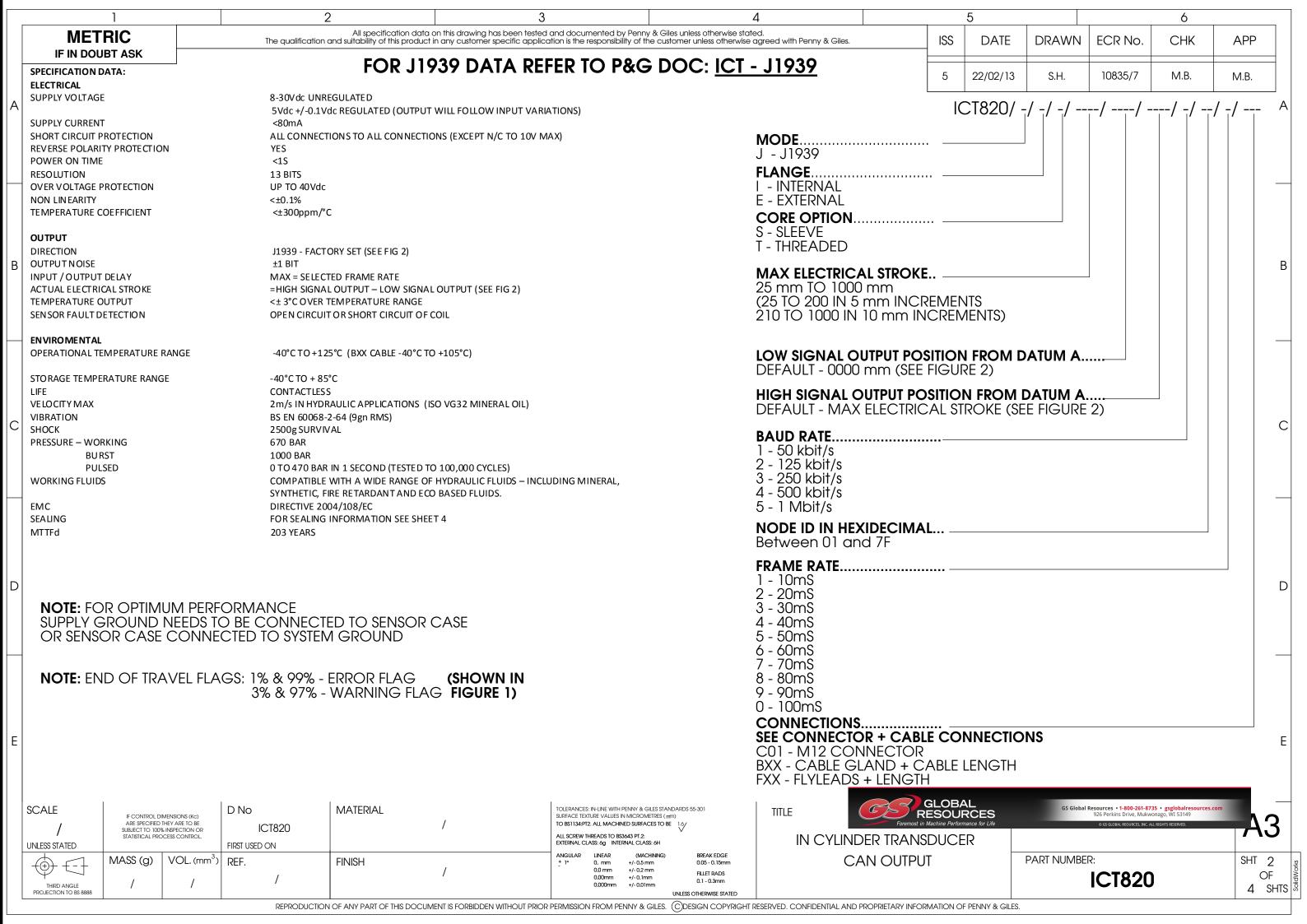
- Measurement range 25-1000mm
- Small transducer body length to stroke ratio
- Working pressure to 670 Bar (10,000 psi)
- Temperature range -40 to +125°C
- Operates from 5Vdc or 8-30Vdc
- CAN SAE J1939 output
- Selectable Node ID, Baud and Frame Rate
- Flexible mounting styles
- Rugged stainless steel construction

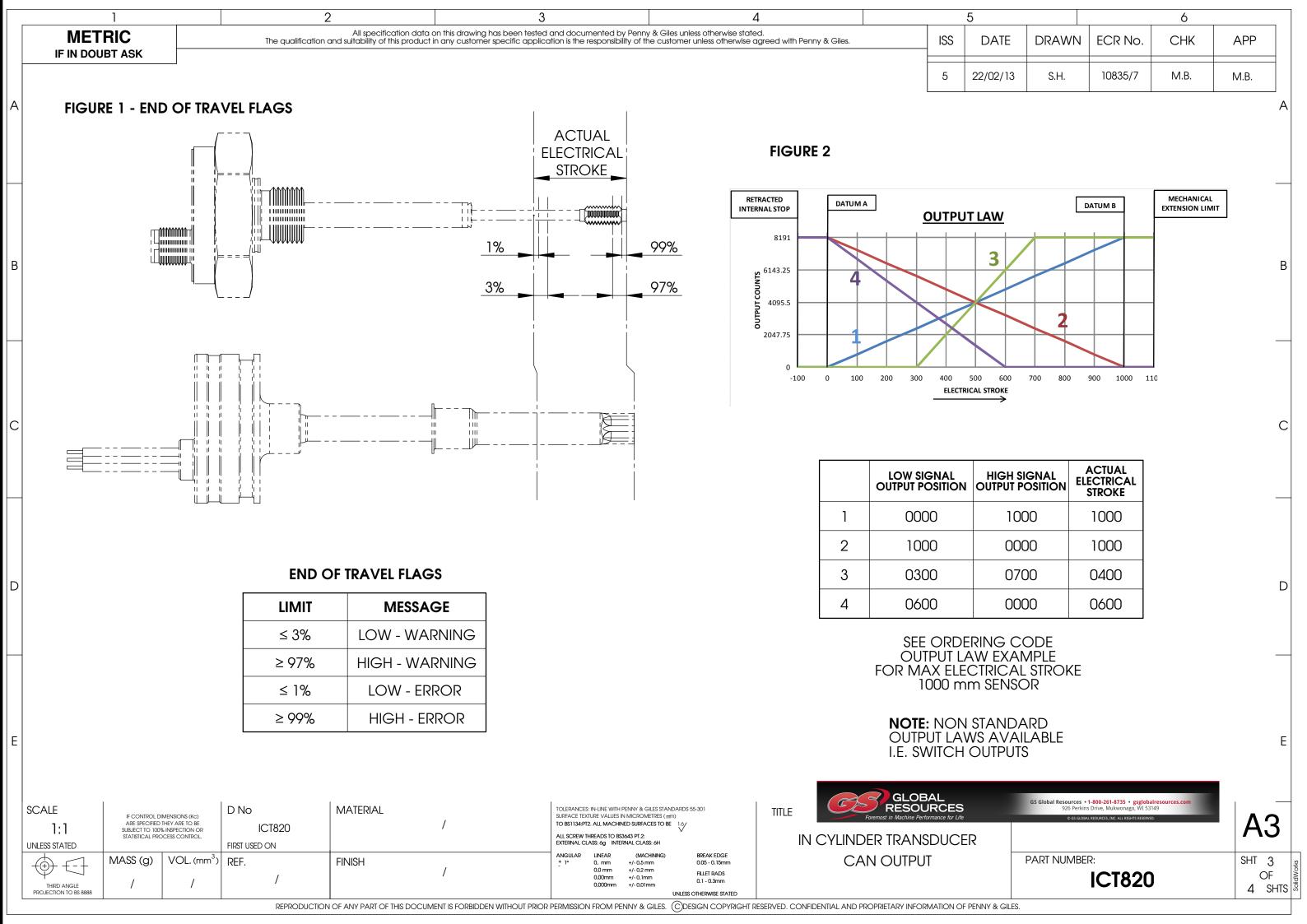
ICT820 CAN SAE J1939 OUTPUT IN-CYLINDER LINEAR TRANSDUCER

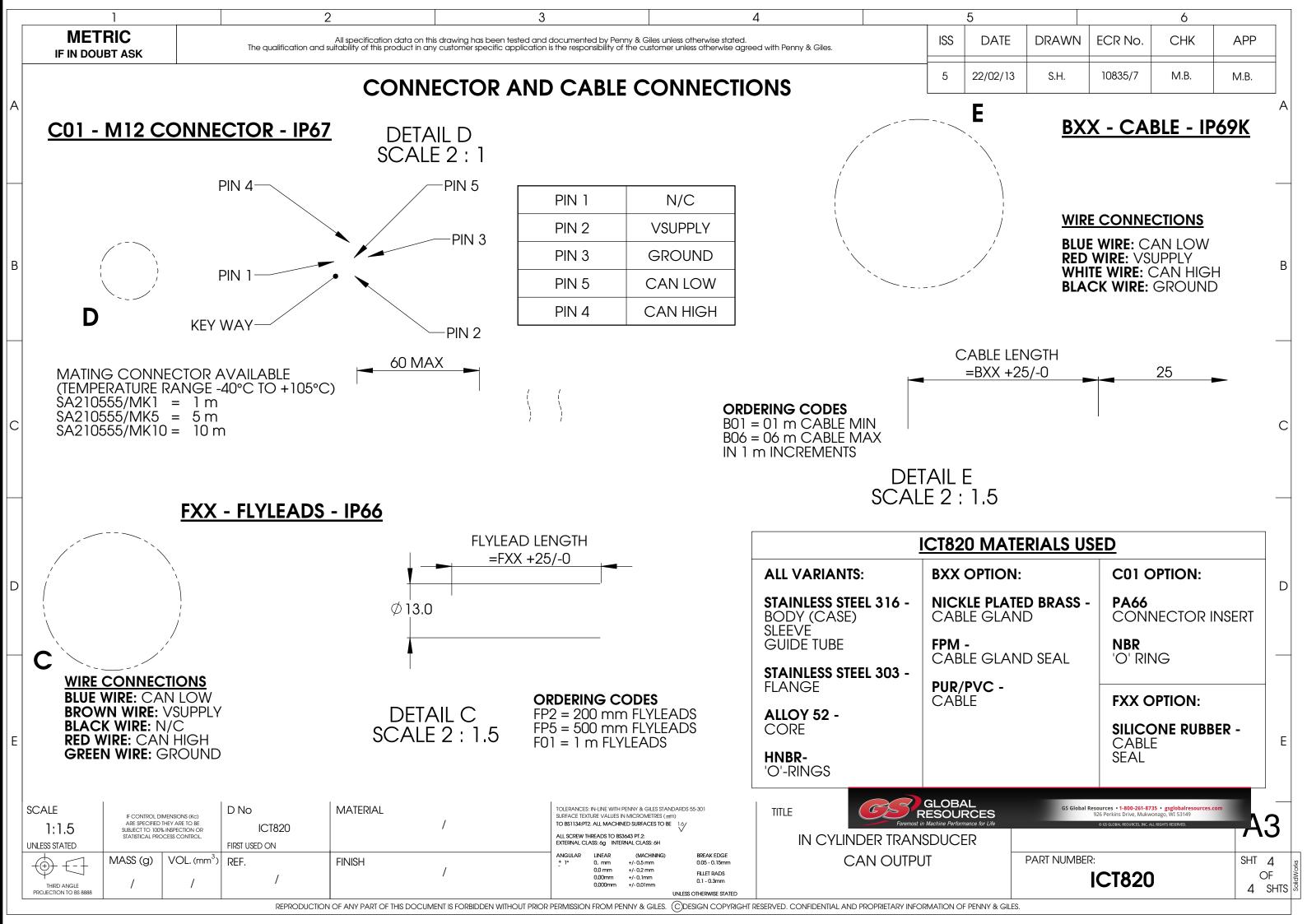
Innovation In Motion













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