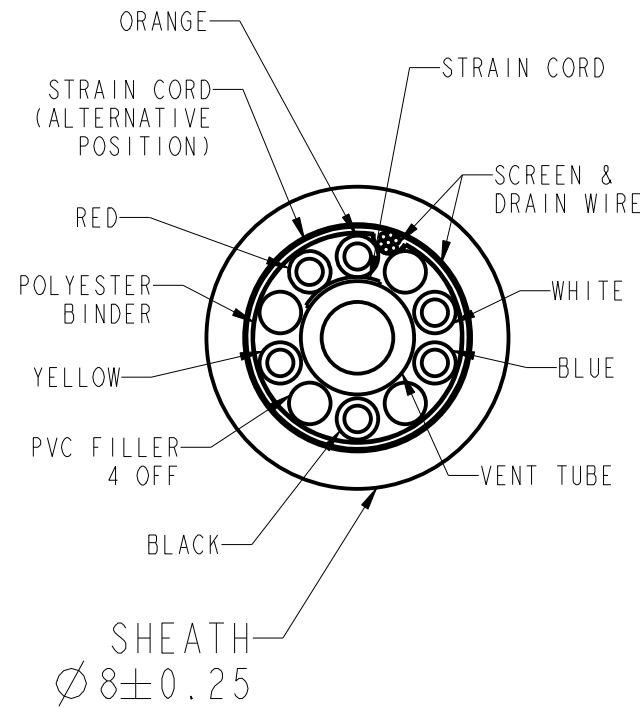


CERTIFICATE RELATED DRAWING

NOT TO BE MODIFIED WITHOUT THE APPROVAL OF THE CERTIFICATION ENGINEER

APPROVED: T PRATT  
 CERTS: DNV TAA00000JY  
 CCS NJ16T00162

CONDUCTORS INDICATED BY INSULATION COLOUR



DESCRIPTION: 6 CORE 7/0.2 TPE-U SHEATHED CABLE WITH VENT TUBE, STRAIN CORD, DRAIN WIRE AND SCREEN.

CONDUCTOR: 7/0.2 (0.22mm<sup>2</sup>) STRANDED TINNED ANNEALED COPPER (BS3630 CLASS 5).

INSULATION: CROSS LINKED POLYETHYLENE TYPE GPB (BS7655) 1.15±0.1mm O.D

VENT TUBE: NYLON TUBE 3.0 O.D.

STRAIN CORD: KEVLAR (450-49) CORD (54kg MINIMUM BREAKING LOAD) LAID LONGITUDINALLY EITHER, IN CONTACT WITH VENT TUBE OR LAID OVER POLYESTER BINDER & UNDER SCREEN. NOTE: STRAIN CORD MUST BE PARALLEL WITH AXIS OF CABLE (NO HELIX PERMITTED)

FILLER: PVC SHEATH (0.4 THK) OVER NYLON FIBRE INNER. NOMINAL OVERALL DIAMETER 1.1mm.

CONSTRUCTION: 6 CORES (1 OFF EACH WHITE, BLUE, BLACK, YELLOW, RED & ORANGE) AND 4 FILLER CORDS LAID UP AROUND VENT TUBE. WITH STRAIN CORD IN THE INTERSTICES AND WRAPPED WITH 0.25mm THK POLYESTER TAPE (50% OVERLAP).

SCREEN: 0.024-0.04mm THICK (0.009-0.016") ALUMINIUM/POLYESTER TAPE (50% OVERLAP) AND A 7/0.2 TINNED DRAIN WIRE LAID IN CONTINUOUS CONTACT WITH INTERNAL (ALUMINIUM) SIDE OF TAPE.

SHEATH: TPE-U 0.9mm MIN RADIAL THICKNESS.

PRINTING: PRINT LEGEND ALONG OUTER SHEATH (SEE CABLE MARKING DETAIL)

CHARACTERISTICS: CAPACITANCE = 135 pF/m (MAX.) 123 pF/m (TYP.) AT 1 kHz - BETWEEN ANY CORE-CORE OR CORE-SCREEN PAIR  
 CAPACITANCE = 606 pF/m (MAX.) 550 pF/m (TYP.) AT 1 kHz - BETWEEN ALL CORES AND THE SCREEN  
 LOOP INDUCTANCE = 1.37µH/m (MAX.) 1.24µH/m (TYP.) AT 1 kHz - BETWEEN ANY CORE-CORE PAIR  
 LOOP L/R RATIO = 9.01µH/ohm (MAX.) 7.32µH/ohm (TYP.) - BETWEEN ANY CORE-CORE PAIR  
 MEASURED IN ACCORDANCE WITH IEC 60079-25: 2010 ANNEX G (SEE QC-01-0885)  
 [MAXIMUM VALUES AFFECT USE OF HAZARDOUS AREA CERTIFICATIONS]

TEMP RATING: -40°C TO +80°C

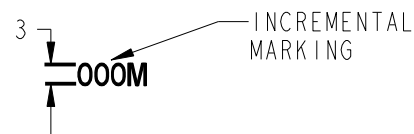
RATED VOLTAGE: 150V

MAX. DC CONDUCTOR RESISTANCE(20°C): 93.5 Ω/km

VOLTAGE WITHSTAND TEST: 2.0 kVac/1 min

CABLE MARKING DETAIL

PRINT IN WHITE INK AT 1000mm PITCH (ALL DIMENSIONS APPROX.)  
 CABLE LENGTH INCREMENTAL MARKING TO RUN FROM 000 TO 999 AND THEN REPEAT.  
 CABLE TO ARRIVE ON DRUM SUCH THAT LOWEST NUMBER IS DRAWN OFF FIRST.



RELEASE STANDARD:  
 CERTIFICATE OF CONFORMITY TO SHOW COMPLIANCE TO GE DRUCK ORDER REQUIREMENTS  
 TEST & INSPECTION RESULTS INDICATING CONFORMITY TO QC-01-0885  
 MANUFACTURER'S BATCH CODE TO BE SUPPLIED WITH EACH BATCH

115M2079-1		AS SPECIFIED		
PART NO.		DESCRIPTION, MATERIAL, REMARKS ETC.		
NON-RESTRICTED DOCUMENT FOR GENERAL CIRCULATION				
REV	-	© 2017 DRUCK LTD FIR TREE LANE GROBY, LEICESTER LE6 0FH UK TEL: +44 (0)116 2317100	UNITS: mm UOS LINEAR TOLERANCE: ±0.2 UOS ANGULAR TOLERANCE: ±5° UOS √1.6 MACHINED PARTS ALL OVER UOS	A3 SCALE 5:1
DATE	28-JUL-17		GENERALLY IN ACCORDANCE WITH BS8888:2008 AND DC0065 DO NOT ALTER MANUALLY DO NOT SCALE	EDGES TO ISO 13715 HOLES TO BS EN ISO 286 H12
DRAWN	KW LIU	CONFIDENTIAL: THIS DOCUMENT AND ALL THE INFORMATION CONTAINED HEREIN IS THE CONFIDENTIAL AND EXCLUSIVE PROPERTY OF DRUCK LIMITED, A GE COMPANY, AND MAY NOT BE REPRODUCED, USED, DISCLOSED OR MADE PUBLIC IN ANY MANNER WITHOUT THE EXPRESS PRIOR WRITTEN AUTHORISATION OF DRUCK LIMITED OR IT'S AFFILIATED COMPANIES ("GE"). THIS DOCUMENT IS CONVEYED PURSUANT TO RECIPIENT'S AGREEMENT TO THE FOREGOING, AND MUST BE RETURNED TO GE ON DEMAND. THE RECIPIENT AGREES THAT ARTICLES MADE IN ACCORDANCE WITH THIS DOCUMENT SHALL BE CONSIDERED GE'S DESIGN, AND THAT IDENTICAL ARTICLES OR PARTS THEREOF SHALL NOT BE MANUFACTURED FOR THE USE OR SALE BY RECIPIENT OR ANY OTHER PERSON OR ENTITY WITHOUT EXPRESS PRIOR WRITTEN AUTHORISATION BY GE.		
CHECKED	K FAN			
MANUF	-			
QUALITY	K MUNUSWAMY			
PURCHASE	H WANG			
APPROVED	J MACGREGOR	TITLE: 6 CORE 7/0.2 CABLE TPE-U DIA 8MM VENTED		
CH. ENG	-	DRG. No 115M2079		SHT 1 OF 1

UNCONTROLLED WHEN PRINTED OR TRANSMITTED ELECTRONICALLY

Pro/ENGINEER DRAWING