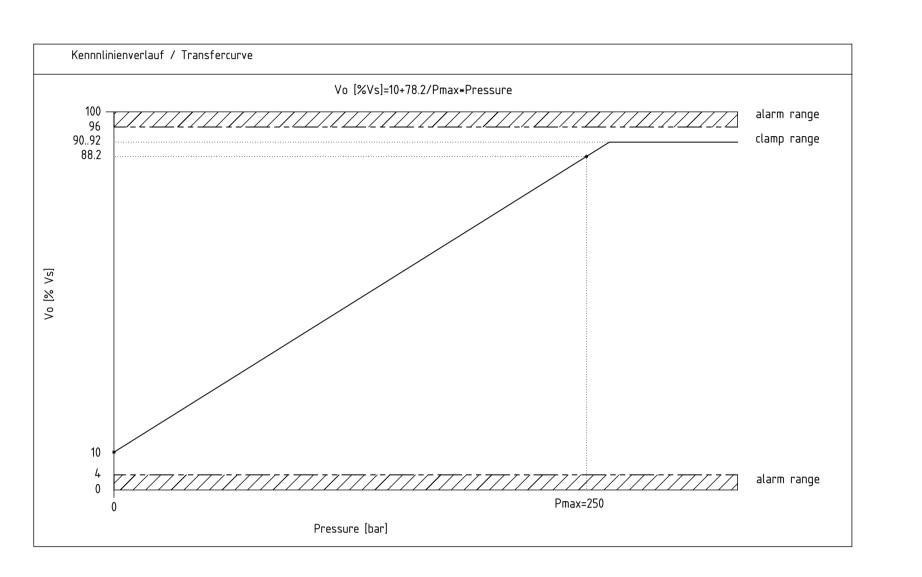
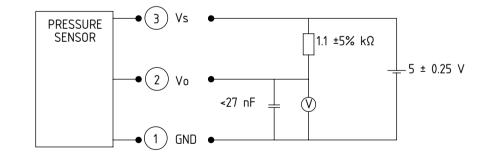


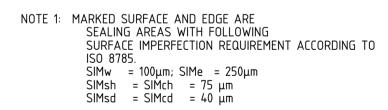
General sensor requiremen	nts See 85PP32-02-PSP	
Mass	~ 32 gram	
Working medium	Compressed natural gas	
Operating pressure	0250 bar	
Maximum overpressure	350 bar	
Burst pressure	650 bar	
Operating temperature	-40°C120°C	
Storage temperature	-20°C50°C	
Assembly Position	Any	
Protection level mounted	IP6K9K	
Protection level transportation	IP6K4K	
Thightening torque with sockedspanner Maximum for which no change in offset and no fracture occurs Minimum torque for not having sealing problems depends on counterpart used by customer	30-35 Nm 50 Nm with sockedspanner	

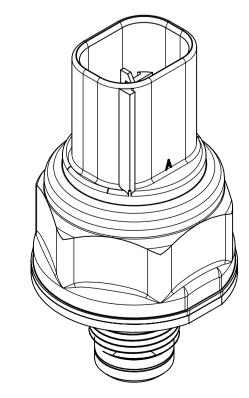


Transfercurve		
Transfer curve	V0=(0.10+0.003128*P)*Vs	
Diagnostic/Alarm levels	Lower < 4 % Vs Upper > 96 % Vs	
Large signal bandwidth	Low pass (-3 dB 150 Hz)	

Electrical characteristics			
Supply voltage (Vs)	5+/-0.25 V		
Maximum overvoltage	16 V		
Output Impedance	<20 Ohm		
Supply current	<20 mA		
Sink output current	(@ Vo = 10 % Vs) min. 5 mA		
Source output current	(@ Vo = 96 % Vs) min. 5 mA		
Output noise	< 5 mVrms		







Ø 8±0.2

Ø 7.5±0.2

**→** Ø 8.8±0.2 **→** 

SECTION A-A

SCALE 4:1

- (  $\emptyset$  4.5 )

Rz 16 ISO 4287: '97

\_/ 0.16 A

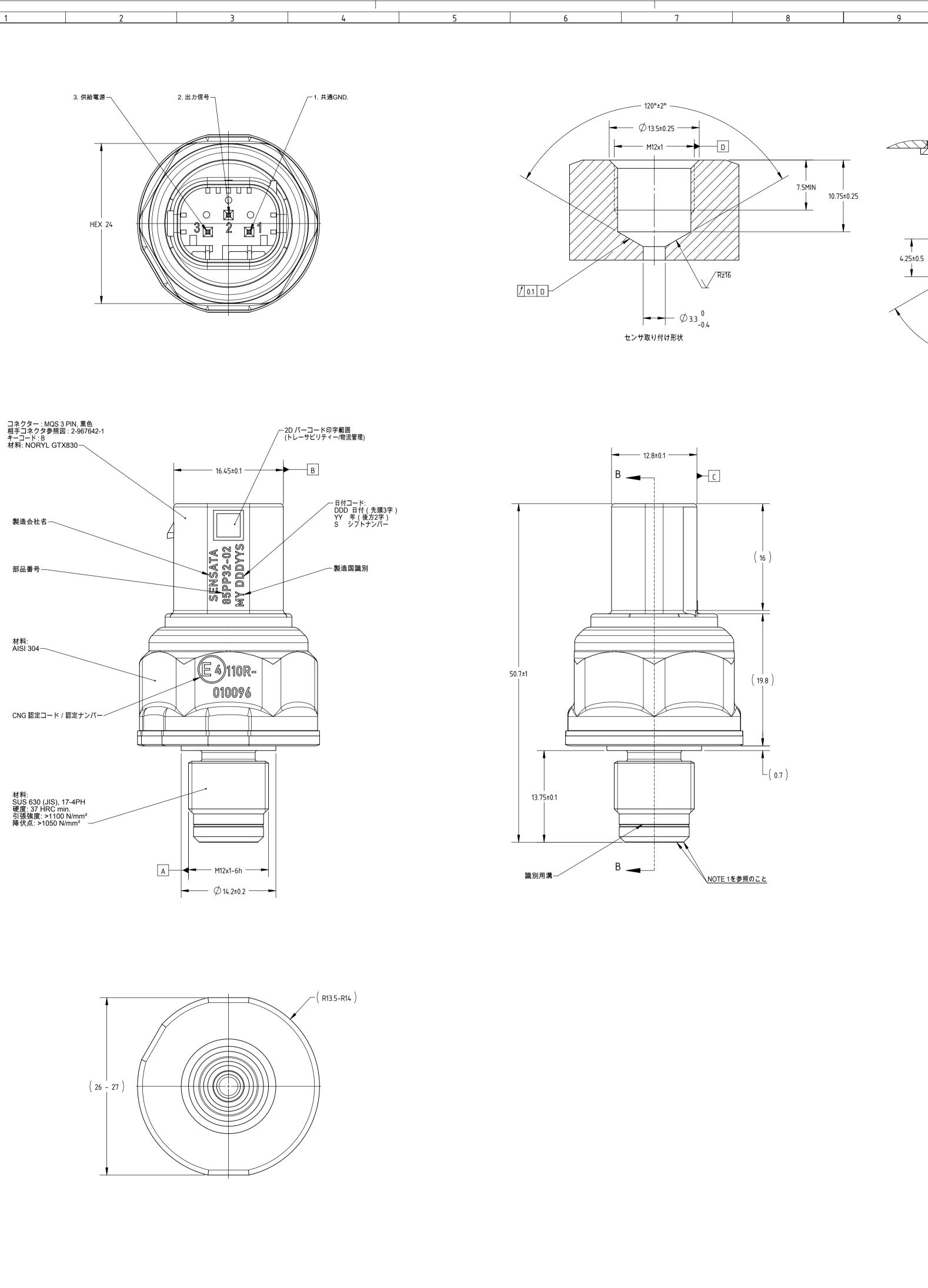
─ Ø 0.15 A

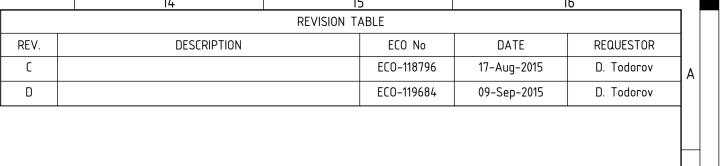
R0.25 MAX.
THIS IS A CRITICAL SEALING EDGE

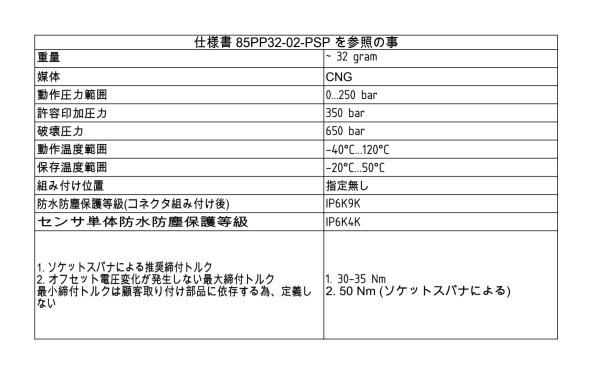
AND DAMAGES WICH COULD
AFFECT THE SEALING ARE NOT
PERMISSABLE IN THIS AREA

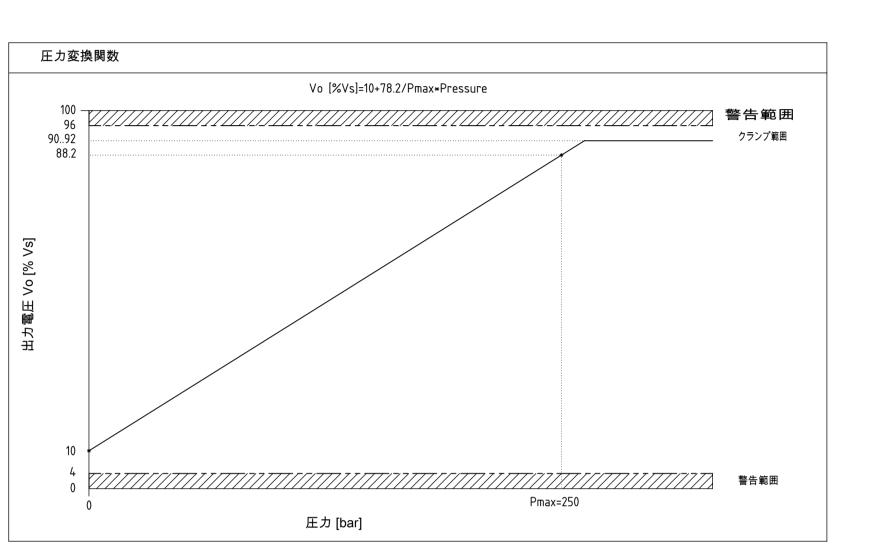
Rz 16 ISO 4287: '97

•	IECK LATEST REVISION BEFORE	E USE.	:	POSTI	FSINGEL 8 BOX 43		
FIRST ISSUE DATE  15-Oct-2014  DRAWN  A.J. Drent	NEITHER THIS PRINT NOR THE INFORI CONTAINED HEREON IS TO BE USED A THE INTERESTS OF SENSATA TECHNO OR AGAINST THE INTERESTS	AGAINST	Sensa Technologies		ALMELO HERLANDS		
ENGINEER	OF ANY OF ITS AFFILIATED COMPA OR WHOLLY OWNED SUBSIDIARII	ES I	TITLE	LOPE DRAWING	0EDD33 A3		
R. Nap ENGINEERING SUPERVISOR E. Drost	INTERPRET DIMENSIONING AND TOLE PER ASME Y14.5-2009. UNLESS OTI SPECIFIED DIMENSIONS ARE IN MILLI	HERWISE		CNG TANK PRESSURE S			
PRODUCT GROUP MSG MATERIAL N.A.	TOLERANCES:  LINEAR						
GEN. ROUGHNESS APPROX.	OVER 120 UP TO -: ±0.5  DO NOT	DRAWING SIZE	T-	DRAWING NUMBER -674034-EN	<b>/</b>	REV D	
Ra WEIGHT . g.	DRAWING	A1	SCALE 3:1	SOLIDWORKS	SHEET 10	F 2	







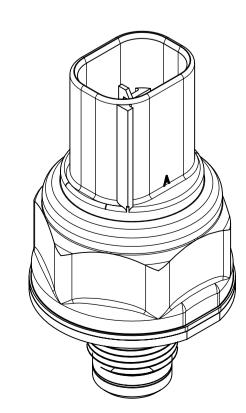


圧力変換関数		
変換式	V0=(0.10+0.003128*P)*Vs	
故障診断警告範囲	Lower < 4 % Vs Upper > 96 % Vs	
大信号带域幅	Low pass (-3dB) 150 Hz	

電気特性			
供給電圧 (Vs)	5+/-0.25 V		
最大共用過電圧	16 V		
出力インピーダンス	<20 Ohm		
供給電流	<20 mA		
シンク電流	(@ Vo = 10 % Vs) min. 5 mA		
ソース電流	(@ Vo = 96 % Vs) min. 5 mA		
出力ノイズ	< 5 mVrms		

PRESSURE SENSOR	3 Vs	•	1.1 ±5% kΩ	
	2 Vo	<27 nF	$\overline{\mathbb{Q}}$	5 ± 0.25 V
		•		

NOTE 1: 矢印部の角や面はシール範囲でISO 8785に準じた下記表面欠陥規格であること SIMw = 100μm; SIMe = 250μm SIMsh = SIMch = 75 μm SIMsd = SIMcd = 40 μm



Ø 8±0.2

Ø 7.5±0.2

**→** Ø 8.8±0.2 **→** 

SECTION B-B

SCALE 4 : 1

 $\cdot ( \emptyset 4.5 )$ 

Rz 16 ISO 4287: '97

-1 0.16 A

─ Ø 0.15 A

- R0.25 MAX. 最重要シール形状部 シール性に影響を与える為、傷無きこと

Rz 16 ISO 4287: '97

FOR REFERENCE ONLY, CH	HECK LATEST REVISION BEFORE USE.	KOLTHOFSINGEL 8 POSTBOX 43
DRAWN A.J. Drent ENGINEER	NEITHER THIS PRINT NOR THE INFORMATION CONTAINED HEREON IS TO BE USED AGAINST THE INTERESTS OF SENSATA TECHNOLOGIES OR AGAINST THE INTERESTS OF ANY OF ITS AFFILIATED COMPANIES OR WHOLLY OWNED SUBSIDIARIES	Sensata 7600 AA ALMELO THE NETHERLANDS
R. Nap ENGINEERING SUPERVISOR E. Drost	INTERPRET DIMENSIONING AND TOLERANCING PER ASME Y14.5-2009. UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS.	ENVELOPE DRAWING 85PP32-02  CNG TANK PRESSURE SENSOR
PRODUCT GROUP  MSG  MATERIAL  N.A.	TOLERANCES: LINEAR ANGLES  0 UP TO 6: ±0.1  OVER 6 UP TO 30: ±0.2  OVER 30 UP TO 120: ±0.3  OVER 120 UP TO -: ±0.5	DRAWING NUMBER REV
GEN. ROUGHNESS APPROX.  Ra  WEIGHT  acc. ISO 1302:2002  GEN. ROUGHNESS APPROX.  VEIGHT	DO NOT SCALE DRAWING PROJECTION SIZE A1	T-674034-ENV D  SCALE 3:1 SOLIDWORKS SHEET 2 OF 2