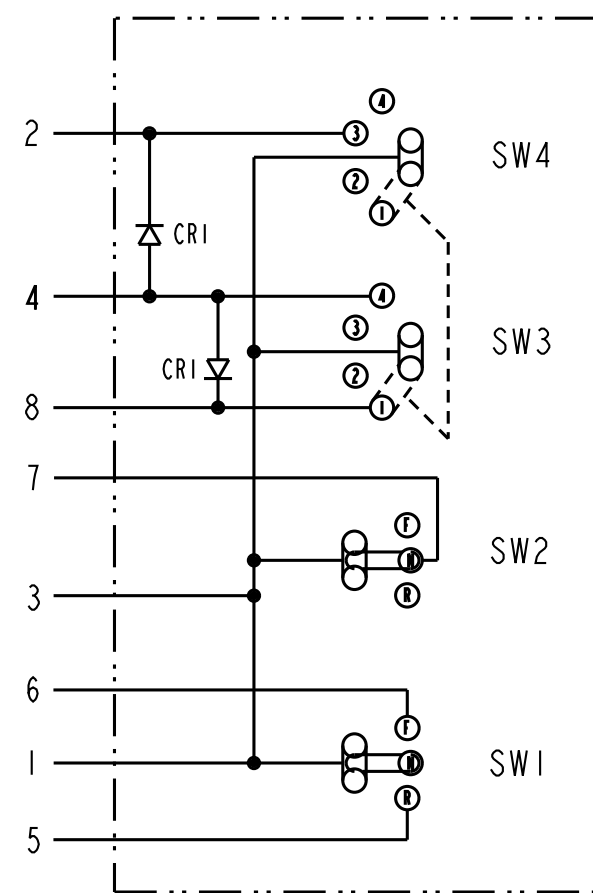


PART NUMBER
50082626-001

REVISION HISTORY					
REV	DOCUMENT	DESCRIPTION	CHG'D BY	DATE	APPROVED
A	0098571	RELEASED PER ECO	SJK	2013-03-20	M. SHAKIL

ENVIRONMENTAL SPECIFICATION					
CHARACTERISTIC	MIN	NOM	MAX	UNITS	NOTES
OPERATING TEMPERATURE	- 40	-	85	°C	
STORAGE TEMPERATURE	- 55	-	85	°C	
VIBRATION	7	-	250	Hz	FREQUENCY: 7-250Hz DURATION: 4 HOURS IN EACH AXES ACCELERATION: 3.2G RMS
FNR SWITCH LIFE	500,000 CYCLES				TESTED AT 12V
SPEED SELECTOR SWITCH LIFE	1,000,000 CYCLES				
SEALING	IP 67				
ELECTRICAL SPECIFICATION					
OPERATING VOLTAGE	3	12	32	VDC	
OPERATING CURRENT	-	-	2	A	SOLENOID LOAD AT 12.8V WITH ARC SUPPRESSION

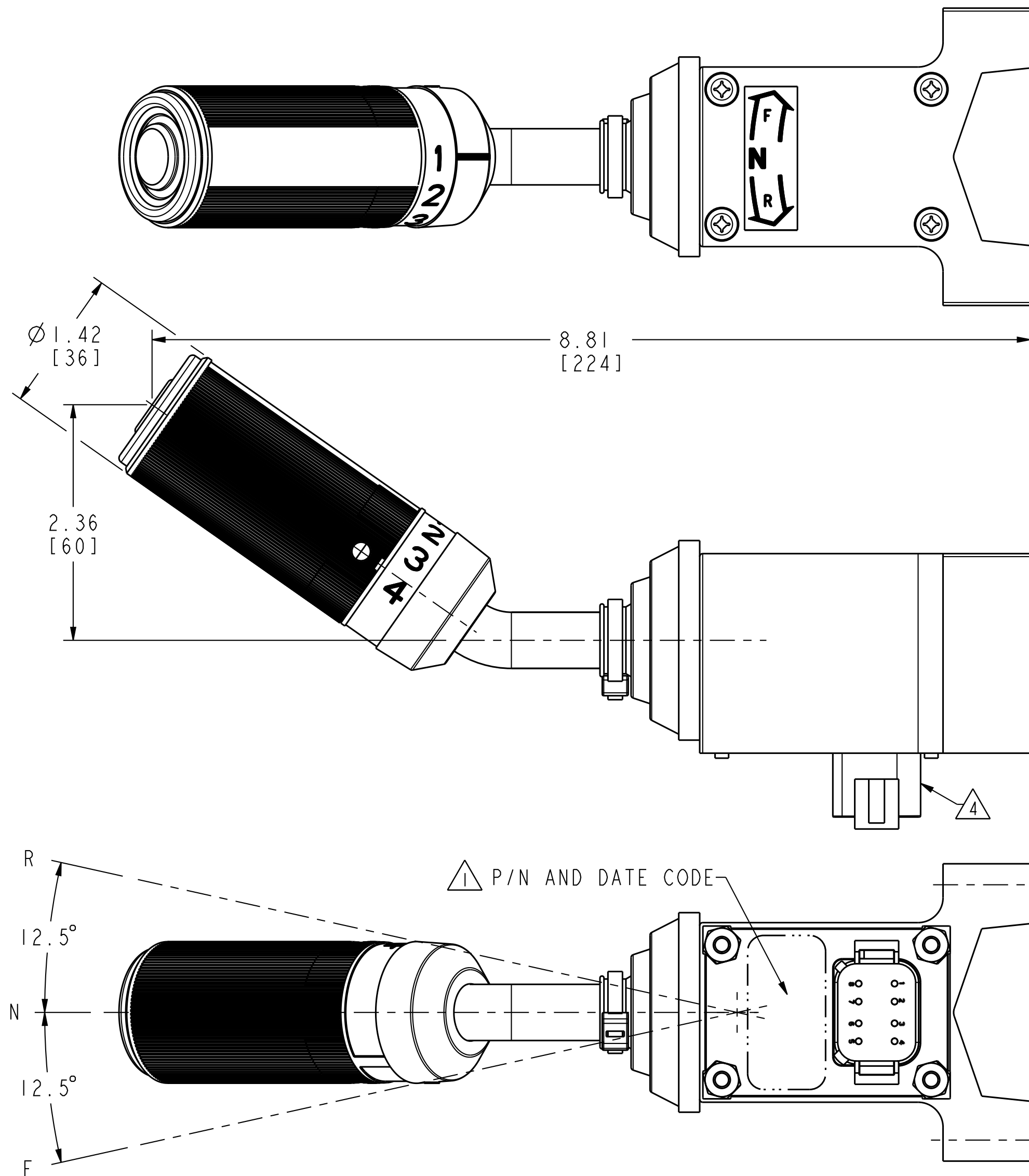


ELECTRICAL SCHEMATIC
(SHOWN IN NEUTRAL)
LEGEND

F	FORWARD POSITION	SW3	SPEED SELECTOR SWITCH
N	NEUTRAL POSITION	SW4	SPEED SELECTOR SWITCH
R	REVERSE POSITION	1	FIRST GEAR POSITION
CR1	DIODE	2	SECOND GEAR POSITION
SW1	DIRECTION SELECTOR SWITCH	3	THIRD GEAR POSITION
SW2	NEUTRAL INDICATOR SWITCH	4	FOURTH GEAR POSITION

NOTES:

- ① - CUSTOMER PART NO. AND DATE CODE TO BE MARKED IN THE AREA SHOWN.
- 2 - TORQUE REQUIREMENT TO CHANGE DIRECTIONS TO BE 22 ± 7 IN. LBS. (2.5 ± 0.8 N-m)
- 3 - TORQUE REQUIREMENT TO CHANGE SPEEDS TO BE 8.88 ± 2.6 IN. LBS. (1.0 ± 0.3 N-m)
- ④ - A. MATING CONNECTOR: DEUTSCH DT06-08S
B. CONNECTOR TERMINAL: DEUTSCH 1062-16-0122
OPTIONAL TERMINAL: DEUTSCH 0462-201-16141
C. CONNECTOR WEDGE: DEUTSCH W8S
D. SEALING PLUG: DEUTSCH 114017



CUSTOMER PRINT

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES DECIMAL TOL NO PLACE --- - 1 PLACE --- ±.020 2 PLACE --- ±.010 3 PLACE --- ±.005 ANGULAR TOL - ±0°30' CHAMFER -		THIRD ANGLE PROJECTION 	Honeywell			
				TITLE SHIFTER ASSEMBLY F-N-R SHIFTER		
MATERIAL - - -		SIZE C	CAGE CODE -	DWG NO 50082626	TYPE I	REV A
FINISH - - -		SCALE :		REF WT. -	SHEET 1 of 1	
APPLICABLE DOCUMENTS: ASME Y14.100-2004 ASME Y14.5-2009		RELEASE DATE		2013-03-20		
		DRW: K. SHRIRAM		2013-01-08		
		RDE: M. SHAKIL		2013-01-08		
		QA: -		-		
COMPUTER GENERATED DRAWING: PRO/ENGINEER		CHK: M. SHAKIL		2013-01-08		
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