



SPEED MONITORING

ITEM	DESCRIPTION	PART NO.	DETAILS
MAGNETIC SPEED PICKUP (MSP)	DYNALCO (QTY 5)	E7096487	DYNALCO MODEL NUMBER M180, 144" LONG 18 AWG LEADS TERMINATED IN THE JUNCTION BOX.
MSP BOX CONNECTION	TERMINALS IN JUNCTION BOX		PHOENIX CONTACT UK2.5N GRAY, EEx'e', FEED THROUGH
MSP SERVICE HEADS	ONE PER MSP		DUAL IEC/NEC RATED 4 PORT CONDUIT HEAD, CROUSE-HINDS EABX326-SA-ATEX, 1" & 3/4" NPT PORTS, COPPER FREE ALUMINUM
CONDUIT	FLEXIBLE METALLIC		LIQUIDTIGHT FLEXIBLE METALLIC WITH STAINLESS STEEL CORE. PVC COATING, AND INTEGRAL COPPER GROUNDING WIRE. ANACONDA SEALTITE HTDL
CONDUIT FITTINGS	SEALTITE FITTINGS		LIQUIDTIGHT FITTINGS MATCHED TO ANACONDA SEALTITE CONDUIT FOR IP67 RATING, NICKEL PLATED BRASS
JUNCTION BOX	NEMA 4X, ZONES 1&2 AEx AND EEx'e' II T6 ATEX II I G		CROUSE-HINDS TYPE Ex-CELL MODEL XLVS, 316L STAINLESS STEEL, DUAL RATED, WITH 1/4 TURN LATCH, EXTERNAL/INTERNAL GROUNDING STD, 2 SIDE GLAND PLATES AND 1 BOTTOM GLAND PLATE, IP66 AND NEMA 4X, WITH GROUNDING BUSBAR AND 16 GROUNDING TERMINALS SIDE AND BOTTOM ENTRY ALLOWED
BREATHER/DRAIN	YES		MOUNTED IN BOTTOM GLAND PLATE OF JUNCTION BOX
CUSTOMER CONNECTIONS	NONE		BLANK BOTTOM GLAND PLATE
JUNCTION BOX ENTRY	MYERS HUB		HUB W/GROUNDING SCREW, NO CONDUIT SEALS PROVIDED, IP66 SEALING WASHER **BOTTOM ENTRY**
JUNCTION BOX GROUNDING	10 AWG GREEN/YELLOW		GROUNDING FROM MYERS HUB TO GROUNDING BAR IN JUNCTION BOX GROUND BUSBAR TO GROUNDING STUD AND GROUNDING STUD TO HSG
JUNCTION BOX LABELING	NONE		BY CUSTOMER

ENGR. CODE NO.

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PERTAINS TO / ALSO USED ON

S/O 11210138

MATERIAL SPECIFICATIONS

DIAGRAM, WIRING - MOD V6/W1, MOD T10/W1, 8 RAD V/P, 8 DUPLEX EMB RTDS, 5 MSP, 1 K/P

DWN PID-RH_CHK *APB* APP *ADL* N/C-CAN READY

DATE 11-01-12 SCALE - - -

RELEASED FROM DESIGN ENGINEERING:

LUFKIN INDUSTRIES, INC.
LUFKIN, TEXAS

REV.	DESCRIPTION OF CHANGE	CRGD BY DATE

SK19902-4