



**KARNATAKA ANTIBIOTICS &
PHARMACEUTICALS LIMITED**

(A Government of India Enterprise)

ENQUIRY REF. No.	KAPL/EL/012/0938
DATE	29/07/2024
DUE DATE	01/08/2024 TILL: 13.00 HRS

Dear Sir,

Please submit your lowest and competitive offer in a SEALED ENVELOPE, DULY SUPERSCRIBING OUR ABOVE ENQUIRY REF. NO., DATE and DUE DATE on it/ OR MAIL, with other details of F.O.R terms, Taxes, Credit period, Delivery offered, Name of the Make, Detailed Specification etc., for below mentioned material/s

SL. NO.	ITEM CODE	ITEM DESCRIPTION	UOM	QTY
1	ELT1150	DIGITAL FIBER SENSOR	NOS	02

Please ensure that your offer reaches us on or before Due Date by courier OR Speed post OR you can also mail us to our email:puren@kaplindia.com

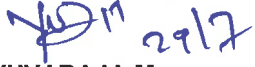
OTHER TERMS:

- | | |
|---------------------------------|------------------|
| 1. F.O.R TERMS | : DOOR DELIVERY |
| 2. GST % | : PLEASE SPECIFY |
| 3. PACKING & FORWARDING CHARGES | : NOT APPLICABLE |
| 4. CREDIT PERIOD | : 30 DAYS |
| 5. DELIVERY OFFERED | : PLEASE SPECIFY |

NOTE: IN CASE YOU ARE NOT QUOTING PLEASE SEND THE REGRET LETTER.

Thanking you,

Yours faithfully,
For KARNATAKA ANTIBIOTICS
& PHARMACEUTICALS LIMITED


YUVARAJA M
DEPUTY MANAGER PURCHASE DEPT

ENGINEERING AND PROJECT DEPARTMENT

MATERIAL REQUISITION

PR# 20251-00611

Date: 08/07/24

Engg. Stores

Through : HOD - E&P

SI. No. **3170**

Machine Name and Details : NKP - IIT Labelling Machine

Section : SVP & DPP3

Following are the details :

Sl. No.	Item Code No.	Item Description	UOM	Qty.	Required Date	P.R. No. & Date	Remarks
01	ELT1150	Digital fiber Sensor Amplifier FX-301 (P) & cable Modified version unit Make - Panasonic Digital fiber sensor PFD-61 ICFK Suggested vendors	Nos	2			This item is used for SVP & DPP3 section respectively sticker labelling

Timer function

Interference prevention function

Incorporated. Up to four fibers can be incorporated. For the H-SP response time, the maximum is two fibers.*4

Item	Connector type	Cable type	
	FX-301 (NPN)	FX-301-C1 (NPN)	
	FX-301P (PNP)	FX-301P-C1 (PNP)	
Supply voltage	12 to 24V DC \pm 10% Ripple P-P 10% or less		
Power consumption	<ul style="list-style-type: none"> • Normal operation: 960mW or less (Current consumption 40mA or less at 24V supply voltage) • ECO mode: 600mW or less (Current consumption 25mA or less at 24V supply voltage) 		
Output	NPN output type NPN open-collector transistor <ul style="list-style-type: none"> • Maximum sink current: 100mA^{*1} • Applied voltage: 30V DC or less (between output and 0V) • Residual voltage: 1.5V or less (at 100mA^{*1} sink current) 	PNP output type PNP open-collector transistor <ul style="list-style-type: none"> • Maximum source current: 100mA^{*1} • Applied voltage: 30V DC or less (between output and +V) • Residual voltage: 1.5V or less (at 100mA^{*1} source current) 	
	Output operation	Light-ON or Dark-ON, selectable	
	Short-circuit protection	Incorporated	
Response time ^{*2}	<ul style="list-style-type: none"> • H-SP: 65μs or less • FAST: 150μs or less • S-D: 250μs or less 	<ul style="list-style-type: none"> • STD: 250μs or less • LONG: 2ms or less 	
Display	4-digit red LED display		
Sensitivity setting	2-point teaching, limit teaching, full-auto teaching, manual adjustment		
Sensitivity adjustment function ^{*3}	Incorporated.		
Timer function	Incorporated. Available modes: off, ON-delay, OFF-delay, ONE-SHOT timer. Timer interval range: approx. 0.5 to 9999ms.		
Interference prevention function	Incorporated. Up to four fibers can be mounted adjacently. For the H-SP response time, the maximum is two fibers. ^{*4}		
Ambient temperature	<ul style="list-style-type: none"> • 1 to 3 units mounted in cascade: -10 to +55°C • 4 to 7 units mounted in cascade: -10 to +50°C • 8 to 16 units mounted in cascade: -10 to +45°C • No dew condensation or icing allowed • Storage: -20 to +70°C 		
Ambient humidity	35 to 85% RH, Storage: 35 to 85% RH		
Emitting element	Red LED (modulated)		
Material	Enclosure: Heat-resistant ABS, Transparent cover: Polycarbonate Mode key: Acrylic, Jog switch: Heat-resistant ABS		
Cable	—	0.3mm ϕ 3-core cable, 1m long	
Weight	Approx. 20g	Approx. 60g	
Accessory	FX-MB1 (Amplifier protection seal): 1 set ^{*5}		