



NEXTRA SERIES

MEMOLUB NEXTRA SERIES USER GUIDE

TECHNICAL SPECIFICATIONS

NEXTRA SERIES PUMP

HIGH-PRESSURE & WIDE TEMPERATURE RANGE

Specification	Description
Pump type	Progressive electro-mechanical lubrication pump
Operating principle	Volume-based progressive pumping
Maximum pressure	Up to 350 bar
Discharge per stroke	0.20 cc / 0.16 cc (Pumping Elements: NPE 07 / NPE 06)
Number of outlets	Up to 3
Body Material	PA6 reinforced with 50% glass fibre
Container Material	Bio-based

RESERVOIR & REFILLING

Specification	Description
Reservoir capacity	4 L / 8 L
Refilling method	Manual refilling
Vent design	Dual vent, with separate air & grease vents
Refilling support	Selectable air-free refilling mode
Refilling benefit	Prevents air pockets and internal pressure build-up

Specification	Description
Lubricant type	Grease
NLGI grade	Up to NLGI Grade 2
Lubricant additives	Compatible with standard industrial additives

ELECTRICAL SPECIFICATIONS

Specification	Description
Supply voltage	12 V DC, 24 V DC & 230 V AC
Drive	Electro-mechanical DC motor
Sensor	Proximity Sensor for discharge monitoring
Power Connection	DIN connector
Other Connections	Waterproof vibration-resistant circular connectors
Protection	Overcurrent protection via controller

OPERATING CONDITIONS

SPECIFICATION	DESCRIPTION
Operating temperature	-30 °C to +70 °C
Application	Industrial machinery and mobile equipment
Mounting	Vertical / Tilted mounting options
Protection	IP 65 (Applied)
Safety	Pressure Release Safety Valve (350 bar)

SYSTEM INTEGRATION

SPECIFICATION	DESCRIPTION
Divider compatibility	Progressive divider blocks
Controller compatibility	NEXTRA LINK PLUS, NEXTRA LINK PRO, NEXTRA LINK ULTRA, NEXTRA LINK ELITE
Connectivity	Via controller (Wi-Fi / GSM / eSIM)
Industry 4.0 Readiness	Available - Controller dependent

TECHNICAL SPECIFICATIONS

NEXTRA SERIES CONTROLLER

ELECTRICAL & FUNCTIONAL SPECIFICATIONS

SPECIFICATION	DESCRIPTION
Controller type	Progressive electro-mechanical lubrication pump
Control philosophy	Volume-based progressive pumping
Supported pump type	Memolub Nextra Series Pumps
Supply voltage	12 V DC / 24 V DC
User interface	Keypad with 7-segment / LCD / Remote (Screen) (variant dependent)
Output monitoring	Proximity sensor-based
Notification	Visual / LED / Audible (buzzer) / Remote (Screen)
Safety	Overcurrent and system fault protection
Protection	IP 65 (Applied)

CONNECTIVITY, SOFTWARE & INTERFACE

SPECIFICATION	DESCRIPTION
Communication modes	On-board / GSM / Wi-Fi / eSIM (variant dependent)
Data handling	Operational data logging & intelligent analytics
Remote access	Web portal and mobile application
Software model	Licensed software for third-party or private servers
Server compatibility	Cloud-based or customer-owned infrastructure
External connectors	Waterproof, vibration-resistant circular connectors

SPECIFICATION	DESCRIPTION
Internal connectors	
Connector advantage	Reliable signal integrity in harsh environments
Antennas	Industrial-grade - GSM / Wi-Fi / eSIM (variant dependent) antennas
Application suitability	Industrial and mobile environments