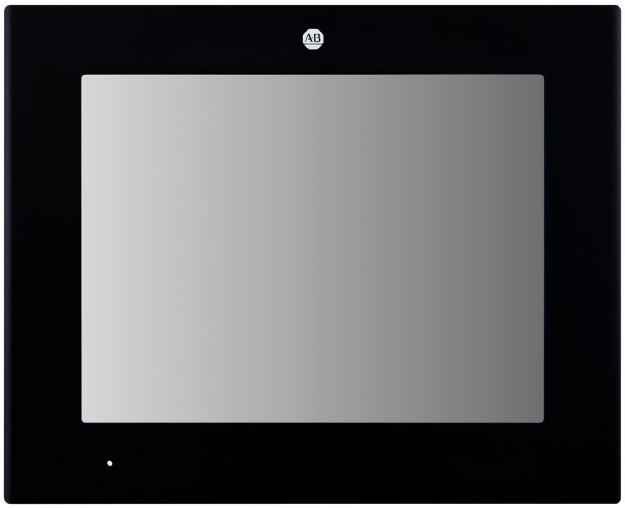
2800S120DSN1S

Allen-Bradley Optix Standard 12-inch 4:3 800x600 Single Touch

HUMAN MACHINE INTERFACE TERMINALS



Component type	Graphic panel
Range	OptixPanel 2800
Model	N/A
Product status	Existing

Allen-Bradley 2800 OptixPanel terminals provide a closed-system operator interface that is easy to administer. They are available in a broad range of screen sizes, from a 21.5” widescreen model to a 4.3” unit. OptixPanel graphic terminals come with FactoryTalk® Optix™ and FactoryTalk® Remote Access™ software pre-installed, providing flexibility, scalability, and enhanced connectivity.

ELECTRICAL	**Voltage type of supply voltage**	DC
	Number of pixels, horizontal	800
	Supply voltage DC	18-32 V
	Number of pixels, vertical	600
	Touch technology	Resistive touch
COMMUNICATION	**Remote access runtime**	Yes
	Number of HW-interfaces industrial Ethernet	2
	Number of HW-interfaces USB	2
CONSTRUCTION	**Screen diagonal**	12 inch
	Frame construction	Aluminium
	Labelled	Yes
	Degree of protection (IP), front side	IP65
	Random access memory (RAM)	12 GB
DIMENSIONS	**Width of the front**	326 mm
	Height of the front	261 mm
	Built-in depth	67.8 mm
ENVIRONMENT	**Operating temperature**	0…50 °C

Published on 01 October 2026

2800S120DSN1S

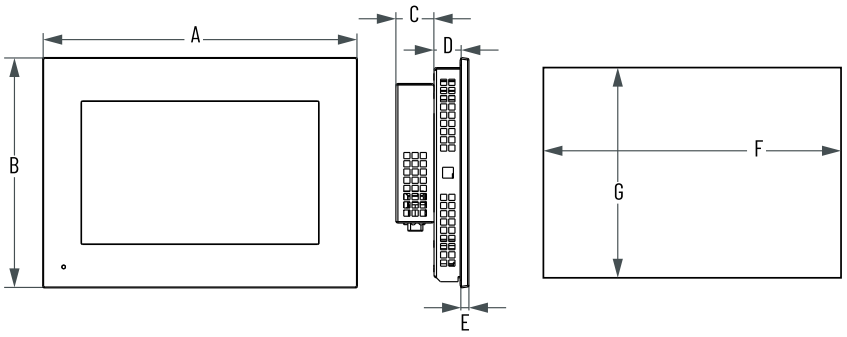
Allen-Bradley Optix Standard 12-inch 4:3 800x600 Single Touch

HUMAN MACHINE INTERFACE TERMINALS

Allen-Bradley

DIMENSIONAL DIAGRAM

Dimensions are in mm (inches). Dimensions are not intended to be used for manufacturing purposes.



Display Size [in.]	Cat. No.	Format[1]	Aspect Ratio	Bezel Type	Dimensions [mm. (in.)][2]					Cutout [mm. (in.)]	
					A	B	C	D	E	F	G
7.0	2800S-070DS-N1S 2800S-070DS-N1B	W1	5:3	Aluminum	207.0 (8.14)	150.6 (5.92)	54.1 (2.12)	–	5.0 (0.19)	197.0 (7.75)	141.5 (5.57)
	2800S-070FM-N1S 2800S-070FM-N1B	W2		Aluminum Glass True Flat			53.8 (2.11)		6.0 (0.23)		
10.1	2800S-101DS-N1S 2800S-101DS-N1B	W1	16:10	Aluminum	269.5 (10.61)	187.9 (7.39)	43.0 (1.69)	16.8 (0.66)	5.0 (0.19)	255.5 (10.05)	174.0 (6.85)
	2800S-101FM-N1S 2800S-101FM-N1B	W2		Aluminum Glass True Flat				17.3 (0.68)	6.5 (0.25)		
	2800S-101XS-N1S 2800S-101FM-N1B	W1		Stainless Steel	278.3 (10.95)	196.7 (7.74)		17.6 (0.69)	5.3 (0.20)		
10.4	2800S-104DS-N1S 2800S-104DS-N1B	S1	4:3	Aluminum	296.0 (11.65)	231.0 (9.09)	43.0 (1.69)	18.8 (0.74)	6.0 (0.23)	285.0 (11.22)	220.0 (8.66)
	2800S-104ES-N1S 2800S-104ES-N1B			Aluminum True Flat							
12.1	2800S-121DS-N1B 2800S-121DS-N1S	W1	16:10	Aluminum	315.0 (12.40)	217.0 (8.54)		19.8 (0.77)	5.0 (0.19)	301.0 (11.85)	203.0 (7.99)
	2800S-120DS-N1B 2800S-120DS-N1S	S1	4:3		326.0 (12.83)	261.0 (10.27)	43.0 (1.69)	18.8 (0.74)	6.0 (0.23)	315.0 (12.40)	250.0 (9.84)
	2800S-120ES-N1S 2800S-120ES-N1B			Aluminum True Flat							
	2800S-121FM-N1B 2800S-121FM-N1S	W2	16:10	Aluminum Glass True Flat	315.0 (12.40)	217.0 (8.54)		20.3 (0.79)	7.5 (0.29)	301.0 (11.85)	203.0 (7.99)
	2800S-121XS-N1B 2800S-121XS-N1B	W1		Stainless Steel	323.8 (12.74)	225.8 (8.88)		20.6 (0.81)	5.3 (0.20)		

(1) S = standard;
W = widescreen;
1 = single touch;
2 = multi-touch.

(2) Dimensions are +0/1 mm (0.04 in.).

Published on 01 October 2026