

{A} COLOR CODING FOR PUSH BUTTONS, PILOT LIGHTS & ILLUMINATED PUSHBUTTONS

Ref: Table 8, Page: 79-27, NFPA 79 Edition 1997

COLOR	DEVICE TYPE	TYPICAL FUNCTION	EXAMPLE
RED	Pushbutton	Emergency Stop, Stop, Off	Emergency Stop button, Master Stop button, Stop of one or more motors.
	Pilot Light	Danger or alarm, abnormal condition requiring attention	Indication that a protective device has stopped the machine, e.g., overload.
	Illuminated Pushbutton		Machine stalled because of overload, etc. (The color RED for the emergency stop actuator shall not depend on the illumination of its light.)
YELLOW (AMBER)	Pushbutton	Return, Emergency return, Intervention – suppress abnormal conditions	Return of machine elements to safe position, override other functions previously selected. Avoid unwanted changes.
	Pilot Light	Attention, caution/marginal condition. Change or impending change of conditions	Automatic cycle or motors running; some value (pressure, temperature) is approaching its permissible limit. Ground fault indication. Overload that is permitted for a limited time.
	Illuminated Pushbutton	Attention or caution/Start of an intended to avoid dangerous	Some value (pressure, temperature) is approaching its permissible limit; pressing buttons to override other functions previously selected.
GREEN	Pushbutton	Start-On	General or machine start; start of the cycle or partial sequence; start of one or more motors; start of auxiliary sequence; energize control circuit.
	Pilot Light	Machine ready; Safety	Indication of safe condition or authorization to proceed. Machine ready for operation with all conditions normal or cycle complete and machine ready to be restarted
	Illuminated Pushbutton	Machine or unit ready for operation/ Start or On	Start or On after authorization by light; start of one or more motors for auxiliary functions; start or energization of machine elements.
BLACK	Pushbutton	No specific function assigned	Shall be permitted to be used for any function except for buttons with the sole function of Stop or Off.

COLOR	DEVICE TYPE	TYPICAL FUNCTION	EXAMPLE
WHITE or CLEAR	Pushbutton	Any function not covered by the above	Control of auxiliary functions not directly related to the working cycles.
	Pilot Light	Normal Condition Confirmation	Normal pressure, temperature.
	Illuminated Pushbutton	Confirmation that a circuit has been energized or function or movement of the machine has been started/Start-On, or any preselection of a function	Energizing of auxiliary function or circuit not related to the working cycle; star or preselection of direction of feed motion or speeds.
BLUE or GRAY	Pushbutton, Pilot Light, or Illuminated Pushbutton	Any function not covered by the above colors	

{B} TERMINAL COLOUR CODING (Ref : Prima Standard)

Terminals For	Colour
Power	< 35 Sq mm : Grey > 35 Sq mm : Black or Khakhi
Control	Gray or Khakhi
Signal	Blue
Earthing	Yellow/Green